

*Strategic Systems Solutions*

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## **Representative CVs**

**Experienced Resources: our best asset**





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## *Introduction*

At Strategic Systems Solutions, we have a rich pool of highly qualified technology professionals that are ready to tackle any type of systems project. Our 500+ professionals allow us to offer depth of experience in Financial Services combined with breadth of expertise in IT. We have expert employees to staff all aspects of the development life cycle from project management, technical architecture design, and database administration, to business analysis, development, testing and support services. The areas of expertise include a wide range of Distributed and Mainframe technology skills. Located in the US, UK, and China these consultants have an average of eight years of IT industry experience.

Included in this document are examples of Strategic Systems Solutions' employee CVs. In some instances, we have provided several sample CVs for a category. In this case, a number 1, 2, 3 will follow the position title, for example, 'Java/J2EE Software Engineer 1'.

We have chosen a cross-section of technology positions, which we typically fill, and included representative CVs for current staff that meet these role qualifications. The resources we offer our clients are not limited to those on this list. If you would like to receive additional CVs or information about Strategic Systems Solutions, please see the contact information in the Conclusion section of this document.



## Java/J2EE Software Engineer I

A senior software engineer/team leader with excellent communication skills and breadth of technical knowledge which includes Java, J2EE, SQL, Oracle and UNIX. Business analysis and design skills using traditional and object oriented techniques. Works throughout the whole project lifecycle, from capturing initial requirements to system implementation and support.

### Key Skills and Knowledge

#### Skills

- J2EE, Java, Servlet, EJB, JSP, JDBC, XML
- Unix, C, Embedded SQL
- WebSphere, JBoss, CORBA
- Oracle, Ingres, SQLServer, SQL
- OO Analysis and Design, UML
- IntelliJ, JBuilder
- Rational Rose, Poseidon UML
- PVCS, ClearCase, CVS

#### Role Summary

- Software Architect (1 year)
- Senior Software Engineer (10 years)
- Software Engineer (2.5 years)
- Business Analysis (1.5 year)

#### Industry Knowledge

- Investment Banking (2.5 years)
- High Street Banking (5 years)
- Systems Integration (3 years)
- College Administration (4.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### June 2001 – Present: Senior Software Engineer

Skills: Java, JSP, Struts, EJB, JDBC, XML, SQL, Oracle, JBoss, WebSphere, UNIX

Senior software engineer and technical lead on a large investment bank's reengineering effort. The goal of this intranet program is to perform straight through processing of trades on a J2EE platform. The current release of the product supports more than 750,000 daily trades for London, New York, Tokyo and Australia.

- Worked closely with the client to specify the system requirements.
- Built application screens using Java, JSP and Servlets.
- Designed object models of the main business objects.
- Built persistence layer components to provide object model view of a complex database design.
- Built data load/migration facility reusing business data validation and persistence layer.
- Performance tuned SQL.
- Advised on initial steps to implement software change control process.

#### Citria

##### March 2001 – June 2001: Senior Software Engineer

Skills: Java, JSP, Struts, JDBC, SQL, SQLServer2000, HTML, Tomcat, Windows

Implemented an internal intranet product to hold an employee's skills, qualifications and training course attendance for Citria's resource management group. The team consisted of 3 people. Use was made of JSPs, Servlets and Apache Struts. SQLServer2000 access was provided using JDBC.

Implemented an internet site for a venture capital management client using JSPs, Servlets and Apache Struts.



## **Perot Systems**

**October 1995 - February 2001: Senior Software Engineer/ Analyst/Architect**

Skills: Java, J2EE, Servlets, EJB, JMS, WebSphere, Visual Basic, C, Pro\*C, COM, DCOM, MQ Series, Oracle, SQL, XML, Windows, UNIX, PVCS, UML, Rational Rose

Undertook projects for various clients whilst working as a consultant for Perot Systems.

Designed and built a scalable infrastructure/framework that allows component based services to be made available to Microsoft ASP applications. Utilized Microsoft's COM/DCOM component architecture.

Replaced high street banking teller system with a J2EE based solution.

- Integration of a J2EE application deployed in IBM WebSphere v3.5 Enterprise Edition, with legacy host applications on the IBM S390.
- Set-up a PVCS repository for all project documentation and giving team members access to the latest version via an intranet site.

One of three business analysts supporting the development of a new mortgage application system. As a member of an onshore design team, this role included preparing technical designs for the offshore build team.

- Facilitated workshops with the business to capture requirements.
- Requirements captured using a Use Case approach.
- Review the design documentation and resolve issues with the business.
- Identify common components/services and produce of functional specifications.

Designed and built a multi-tier intranet Java application to integrate 3rd parties more closely with the mortgage application process.

- Rational Rose was used to document the application, using the reverse engineering facility.
- Designed and implemented management reporting functionality.
- Configured the production environment, consisting of ACE Secure Server, Firewalls, Netscape Enterprise Server, IBM WebSphere 1.0 Application Server and Oracle 7.2.

Technical team lead on several components of a new mortgage processing solution.

- Completed a benchmark exercise to simulate 1200 online users, batch processing of 500,000 accounts, and validate the scalability of the proposed architecture.
- Designed and implemented the BACS Payment collection system.
- Designed a batch scheduling system for the new production system, to provide monitoring, restart/recovery and parallel task execution.
- Automated business processes to link the mortgage application system on an IBM AS/400 to the new post completion application.
- Designed and proved a process for measuring the impact of system software and application change on the production workflow system.

## **Easysoft Limited**

**May 1993 – October 1995: Senior Software Engineer**

Skills: C, VMS, UNIX, Windows

Designed and developed a portable and modular SQL Engine and ODBC driver in accordance with the Microsoft ODBC (Open Database Connectivity) specification to access non-relational database files.

- Designed and implemented a Query optimiser which would make use of indices when available.
- Flexible data mapping to support the variety of data types.



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**Nord Systems Limited**

**October 1988 – April 1993: Senior Software Engineer**

Skills: C, Embedded SQL, Ingres, SQL, UNIX

Hands on technical consultant for both internal product development and external clients.

- Technical lead in planning and developing tools to ease the migration from Ingres 5.0 to Ingres 6.1.
- Developed a PC serial communication driver in C for an EBACS telecommunication package.
- Designed and developed in C, a language which could be embedded in ICL Office Power documents to enable mail merge facilities directly from Ingres tables for use in a mortgage arrears system.

Lead developer on a new Further Education College Administration System. Involved in the project from initial development through to implementation, including on-site installations, telephone and on-site support.

**Education**

BTEC HND in Electrical and Electronic Engineering, Huddersfield Polytechnic, England

**Additional Training**

Solaris System Administration  
Oracle 9i for Developers  
Oracle SQL Performance Tuning  
OO Analysis and Design with UML



## Java/J2EE Software Engineer 2

Highly motivated software engineer, architect and team leader with excellent communication skills and solid technical knowledge including J2EE, C++, SQL, Oracle and UNIX. Strong object-oriented analysis and design skills in various methodologies. Works effectively throughout the whole project lifecycle, from capturing initial requirements to final system delivery. Performs a technical mentoring role for other team members. Is currently taking the Sun Certified Enterprise Architect for the Java 2 Platform examinations.

### Key Skills and Knowledge

#### Skills

- Sun Certified Java Programmer
- J2EE, Java, Servlet, EJB, JSP, JDBC, XML
- Struts, Log4J, JUnit, HttpUnit, Xerces, JBoss, Tomcat
- IntelliJ, VisualAge, Symantec Café, CVS
- C++, CORBA, Orbix, OrbixTalk
- Oracle, SQLServer, SQL
- RUP, UML, OMT, Shlaer-Mellor OOA/OOD, Yourdon SASD
- Rational Rose, Select CASE Tool, TeamWork

#### Role Summary

- Technical Lead / Architect (5 years)
- Senior Software Engineer (3 years)
- Software Engineer (4.5 years)

#### Industry Knowledge

- Investment Banking (2.5 years)
- Credit Reference Agency (3 years)
- Retail Software (1 year)
- Rail Industry (1 year)
- Satellite Systems (3 years)
- Radar Systems (1.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### June 2001 – Present: Technical Lead

Skills: Java, JSP, EJB, JDBC, XML, SQL, Oracle, HttpUnit, JUnit, Log4J, IntelliJ, JBoss, JBoss, Tomcat, WebSphere, UNIX, Windows

Hands on technical lead on a large investment bank intranet project to perform straight through processing of trades on a J2EE platform. The product deals with around 750,000 trades per day for London, New York, Tokyo and Australia. There are over 1,100 global users and 100 up and down stream interfacing systems.

- Advised the client on software development approach and policy.
- Worked with the client to identify and specify the system requirements.
- Designed and developed a model view controller framework using Java, JSPs and EJBs.
- Provided a persistence layer framework which converts complex database tables into objects and deals with all database access issues.
- Instigated the development of a common code module and took control of its development and delivery.
- Designed and developed a framework which allowed a screen check to be performed automatically. This greatly reduced the amount of time needed to ensure that deployments had been successful.
- Developed code in J2EE using IntelliJ, JBoss, XDoclet and Tomcat.
- Provided access to Oracle databases using JDBC.
- Wrote and performance tuned complex SQL.
- Deployed to Solaris UNIX boxes within a WebSphere environment.
- Used XML configuration.



### **Citria**

#### **March 2001 – June 2001: Technical Lead / Architect**

Skills: Java, JSP, Struts, JUnit, JDBC, SQL, SQLServer2000, HTML, JBuilder, Windows

Led a team to architect, design and implement an intranet product to store and search details about employee's skills, qualifications and training course attendance. The team consisted of 3 people.

- Designed and implemented the application architecture.
- Implemented in Java using JBuilder.
- Used JSPs, Servlets and Apache Struts.
- Provided SQLServer2000 access using JDBC.

### **Equifax**

#### **April 1999 – February 2001: Technical Lead / Architect**

Skills: Java, Servlets, EJBs, JUnit, JDBC, SQL, Oracle, XML, HTML, RUP, WebSphere, UNIX, Windows

Team leader, architect and implementer of an internet product which provides applicant identity confirmation online. This allows financial institutions to open bank accounts online with a high degree of confidence that the user is who they say they are. 6 people were in the team.

- Clarified requirements with internal and external clients.
- Designed the application architecture using UML and following the RUP methodology with the Rational Rose CASE tool.
- Designed and implemented EJB components using VisualAge, deployed into WebSphere.
- Implemented the front end using Java, Servlets and JSPs.
- Provided access to the Oracle database using JDBC.
- Designed the system in a generic, highly configurable, manner which allows new customers to receive a tailored solution with the minimum of development effort.
- Provided technical advice and support to external clients.

Hands on architect and team leader of 6 people to develop an internet application providing access to Equifax's core business products, including consumer, commercial and automotive data.

- Design of a generic architecture for producing web based applications using Rational Unified Process (RUP) and the Rational Rose case tool.
- Implemented using Java Servlets and HTML developed with the Symantec Café tool.
- Development of an XML interface to allow clients to interact programmatically with the system.

### **Armature (independent consultant)**

#### **May 1998 – March 1999: Senior Software Engineer**

Skills: C++, Java, Corba, Orbix, Orbix Talk, SQL, Oracle, UML, Select, UNIX, Windows

Involved in the design and development of the core architecture and frameworks for a suite of large scale retail software products. Lead a team of 10 developers.

- Designed the underlying client-server architecture for large scale software systems.
- Captured requirements from internal and external customers.
- Performed object-oriented analysis and design using the UML methodology in the Select CASE tool.
- Implemented the server code in C++ (using the Rogue Wave libraries) on UNIX.
- Implementation the client code in Java, using Symantec Café.
- Developed the client-server interaction in CORBA using Orbix.
- Provided a fully decoupled event service, based on OrbixTalk.
- Designed and implemented Oracle database access using Persistence and SQL Plus.



### **Datel Technology (independent consultant)**

#### **June 1997 – May 1998: Senior Software Engineer**

Skills: C++, Ada, Shlaer-Mellor OOA/OOD, TeamWork, UNIX

Development of software for the Paddington to Heathrow rail express link in London, England. Responsible for the design and implementation of the train location, passenger information and CCTV portions of the system. The team consisted of 7 people.

- Designed the product using the Shlaer-Mellor object oriented methodology within the TeamWork tool.
- Designed the user interface for the control of timetable and passenger information displays.
- Implemented the system in C++ and Ada using Sun Workstations running UNIX.

### **Equifax**

#### **March 1996 – June 1997: Senior Software Engineer**

Skills: Visual C++, MFC, ODBC, OMT, Select OMT, SQL, Windows

Leading role in the full development lifecycle of a package to determine the important factors in predicting people's financial behavior, using various statistical techniques. There were around 20 people in the team.

- Performed object-oriented analysis and design using the OMT methodology within the Select OMT design tool.
- Implemented the design using Visual C++, MFC and ODBC.
- Designed and implemented the user interface.
- Involved in the full project lifecycle, from initial requirement capture through to final delivery.
- Led the development team, responsibilities included project planning.

### **Matra Marconi Space**

#### **April 1993 – March 1996: Software Engineer**

Skills: C++, Shlaer-Mellor OOA/OOD, TeamWork, Dec Alpha, Multi Tasking, Open VMS

Key player in the full lifecycle of a graphical communications satellite ground control system, used to allow full control of satellite antennas from the Earth. Extensive client contact including requirements gathering. The team consisted of 4 people.

### **Marconi Radar Systems**

#### **September 1991 – April 1993: Software Engineer**

Skills: C, Turbo Pascal, Yourdon SASD, TeamWork

Solely responsible for the design and implementation of simulation of the signal decoding undertaken by a secondary surveillance radar. The simulation was used to compare the affects of new decoding techniques and parameter changes.

### **Education**

Master of Engineering in Electrical and Electronic Engineering, 1992, University of Bath, England  
Bachelor of Science (Honors) in Electronic and Electrical Engineering, 1991, University of Bath, England



## Java/J2EE Software Engineer 3

A software engineer with strong object-oriented analysis/design skills in various methodologies and strong PL/SQL skills. Excellent communication skills and solid technical knowledge including J2EE, SQL, Oracle and UNIX. Good knowledge of System Development Life Cycle. Works effectively throughout the project, from development to testing in different environments to production release.

### Key Skills and Knowledge

#### Skills

- Sun Certified Java2 Programmer
- J2EE, Java, Servlet, EJB, JSP, JDBC, XML, HTML, JavaScript
- C, C++, COBOL
- Oracle, SQL, PL/SQL
- IntelliJ, JBuilder, TOAD
- Visio
- CVS, PVCS

#### Role Summary

- Software Engineer (6 years)

#### Industry Knowledge

- Investment Banking (1 year)
- Retail Software (3years)
- Telecom (2 years)

### Professional Experience

#### Strategic Systems Solutions

##### March 2003 – Present: Software Engineer

Skills: Java, JSP, EJB, JDBC, XML, SQL, Oracle, IntelliJ, JBoss, Tomcat, Websphere, UNIX

Hands on experience in an investment bank intranet project to perform straight through processing of trades on a J2EE platform. The product deals with around 750,000 trades per day for London, New York, Tokyo and Australia. There are over 1,100 global users and 100 up and down stream interfacing systems. Worked as a member of the reporting team that is charged with developing reports for both internal and external (mostly regulatory) clients.

- Used an internally developed model view controller framework to generate reports using Java, JSPs and EJBS.
- Developed in J2EE using IntelliJ, JBoss, XDoclet and Tomcat.
- Developed Ant scripts for creating the deployment specific jars.
- Deployed deliverables to Solaris UNIX boxes in Websphere.
- Provided access to Oracle using JDBC.
- Wrote and performance tuned complex SQL statements.
- Wrote PL/SQL procedures, packages for converting the data (millions of records) as per the requirement and loading to tables.

#### Hitec Information Systems

##### September 2000 – July 2002: Software Engineer

Skills: Java, Servlets, EJBS, JDBC, SQL, PL/SQL, XML, HTML, Weblogic Server, UNIX, Windows, Informatica and Erwin.

Involved in the development of Children's Health Insurance Program. The principle modules are Application and Enrollment Processing, External Interfaces, Financial Administration, and Cost Reporting.

- Performed analysis and design of the module for transformation of the information between different modules.
- Implemented the front end using Servlets and JSPs.
- Provided access to an Oracle database using JDBC.



- Developed detailed design documentation and program logic documentation, as necessary.
- Developed PL/SQL procedures and triggers and tuned SQL.

Worked as team member for one of the world's largest telecom companies. Developed components for the Data Warehouse functions of the project (conversion from the TRIS billing system to Ensemble billing system). Used ETL tools for mapping different types of data.

- Designed modules that exchanged information between the Data Warehouse and its users.
- Developed modules related to billing, information analysis and information exchange between the Data Warehouse and its users using SQL Scripts, PL/SQL scripts and Korn shell scripts.
- Mapped existing concepts to new concepts using Informatica (ETL application).
- Developed integrated views.

This application is developed to send Icons and Ring tones to the cell phone through the SMS gateway. Also developed web pages, which displayed the different categories of client provided Ringtones and Icons. This functionality allowed the user to register and select the required Ringtones or Icons. Some of the Ringtones and Icons were free and some required payment. Depending on the selected item, the amount would be displayed and billed in the customer's cell phone charges.

- Performed object-oriented analysis and design.
- Designed the user interface for the selection of Ring tones, Icons and corresponding price information displays using Servlets/JSPs.
- Developed container managed Entity Beans to store customer information into the database.
- Developed Session Beans to retrieve different categories of Ring tones and Icons information from the data base and displayed on the browser using Servlets/JSP.
- Developed demo module for TeleDanamark, which included creating a login page and then calling the Ringtone and Icon Servlets to display the respective Icons and Ringtones as per the selection using the HTML, JavaScript.

### **Indotronix**

#### **May 1998 – August 2000: Software Engineer**

Skills: Java, Applets, Forms4.5, Reports2.5, PL/SQL, SQL, ORACLE, UNIX, ASP, Visual INTERDEV, HTML, VB Script, JavaScript, MS SQL Server, windows 98/NT

Involved in the development of various applications, including an employee tracking system and service management system. Developed web based intranet applications. Involved in the SDLC of some applications.

- Developed Applets and Servlets.
- Developed stored procedures and triggers for data manipulation in terms of data retrieval, parsing, automatic editing and other data functions.
- Developed test cases for some applications.

### **Wipro Systems Ltd**

#### **December 1997 – April 1998: Software Engineer**

Skills: HTML, JavaScript, Java Applets, Oracle, JDBC, Servlets and Windows98/NT

Involved in Project Tracking and Time Sheet management system development. The tool was designed to capture the resources in use by each project, the number of projects and the number of person hours spent on each project etc. Involved in unit and system level testing. Provided insight into the working of the system and also research into innovative ways of debugging code.

### **Education**

Master of Computer Science, Nagarjuna University, India.

Bachelor of Science in Statistics and Computers, Nagarjuna University, India.



## Microsoft Software Engineer

A software developer and team leader with good communication skills and solid technical knowledge including C#, Visual Basic 6, SQL Server and Sybase. Strong object-oriented analysis/design skills in various methodologies. He has performed a technical mentoring role for other team members.

### Key Skills and Knowledge

#### Skills

- Microsoft Visual C#, ADO.NET, XML
- Microsoft Visual Basic 6.0, ADO, COM, MTS
- SQL, Sybase, SQL Server,
- Enterprise Manager, DBArtisan
- UML, OOA/OOD, Yourdon
- Visual Studio, Visual Studio .NET
- Microsoft Visual Modeler

#### Role Summary

- Senior Software Engineer (3 years)
- Software Engineer (5 years)

#### Industry Knowledge

- Investment Banking (3 years)
- Motor Manufacturing Industry (5 years)

### Professional Experience

#### Strategic Systems Solutions

##### September 1997 – Present: Senior Software Engineer/Software Engineer

Skills: C#, SQL, Sybase, DBArtisan, Visual Basic 6.0, Windows, COM, MTS, SQL Server 2000 & 7.0, ODBC, Natural, Adabas, CICS, TSO, JCL

Architect and implementer of a Windows-based application, for the Client Money group within our investment banking client. This system provides data maintenance, reporting and FTP export facilities for various bank account types. It also includes search and filtering facilities for most browse screen areas and built-in auditing for capturing and displaying user identities and timestamps against record updates.

- Performed a design and development role for the client on software approach.
- Worked with the client to identify and specify the system requirements.
- Developed code in Visual Studio .NET using C#.
- Employed prototyping throughout lifecycle.
- Used 'tiered' architecture approach.
- Provided Sybase database access via ADO.NET.
- Wrote and tuned Sybase stored procedures.
- Used Crystal Reports with XML schemas.

Developer and implementer of a re-engineered Windows-based application allowing data maintenance for various money classes and bank account types, for the Client Money group within our investment banking client.

- Performed a development role to the client on software approach.
- Worked with the client to identify and specify the system requirements.
- Developed code in Visual Studio using Visual Basic 6.0.
- Used 'tiered' architecture approach.
- Provided Sybase database access via ADO.
- Wrote and tuned Sybase stored procedures.
- Deployed system using WinDist to avoid multi-client installations.



Led team to design, develop and implement an n-tiered Windows-based product to store and search historical vehicle warranty details and metrics. This application allowed the client to predict future warranty provisions. 3 people were on this team at our Motor Manufacturing client.

- Performed a design, development and support role to the client on software approach.
- Worked extensively with the client (including offsite) to identify and specify the system requirements.
- Led small team (3 developers) onsite during software procurement phase.
- Used 'tiered' architecture approach.
- Developed code in Visual Studio using Visual Basic 6.0 and COM hosted under MTS.
- Provided DSN-less SQL Server 2000 database access via ADO.
- Wrote and tuned SQL Server stored procedures.

Team leader, architect and implementer for an n-tiered Windows-based product which provides regulatory details for the client's internal and external Independent Financial Advisors. This function ensures that all PIA / FSA compliance legislation is followed correctly (i.e. all references handled correctly; all required exams for reps up-to-date; tracking training requirements for individuals, etc.). 4 people were on this team at our Motor Manufacturing client.

- Performed analysis, design, development and support role to the client on software approach.
- Worked extensively with the client, mainly offsite, to identify and specify the system requirements.
- Developed code in Visual Studio using Visual Basic 6.0 and COM hosted under MTS.
- Provided DSN-less SQL Server 2000 database access via ADO.
- Wrote and tuned SQL Server stored procedures.

Team leader and architect for a Windows-based memberships system at our Motor Manufacturing client. The application assisted the Administration team in the timely payment of gym memberships which are governed by rules for various different membership types (e.g. family, corporate etc.). The team consisted of 3 people.

- Performed an analysis, design and development role to the client on software approach and system design; then led the team onsite during software procurement phase.
- Used a Client / Server architecture.
- Developed code in Visual Studio using Visual Basic 6.0.
- Provided ODBC access to SQL Server 7.0 database via ADO.
- Wrote and tuned SQL Server stored procedures.

Responsible for the design and implementation of a Windows-based data entry system and a related Web-based reporting front-end. The goal of this in-house project was to provide corporate information for management and allow restricted web-access for staff wishing to view corporate directory details.

- Performed a design and development role to the internal management on software approach.
- Led small team (2 developers) during software procurement phase.
- Used a Client / Server architecture.
- Developed code in Visual Studio using Visual Basic 6.0.
- Provided ODBC access to SQL Server 7.0 database via ADO.

Mainframe developer on a small project team (3 people) for an investment banking client. This project involved coding several "objected stock" reports, using data extracted from the Mainframe. The reports were then forwarded to an offshore Client location via FTP - before finally being uploaded into an MS-ACCESS database. Coding was performed utilizing Natural, Adabas, CICS, TSO, and JCL.

## Education

Bachelor of Science (Distinction) Computing for Business, University Of Northumbria at Newcastle, England



## UNIX Software Engineer 1

A software engineer/architect and team leader with 20 years experience and excellent communication skills. Technical knowledge including J2EE, C++, SQL, Oracle and UNIX. Strong technical skills in various roles, including writing device drivers, system administration and network protocols. Has an active interest in Market Analysis and Trading Systems.

### Key Skills and Knowledge

#### Skills

- Unix operating systems including SCO, Sun Microsystems and Bull
- C, C++, CORBA
- J2EE, Java, EJB, JDBC, XML
- Oracle, SQLServer, SQL, Informix, Sybase, Ingres to DBA level
- Eclipse IDE
- Network protocols including TCP/IP
- Middleware specialist
- Shell scripting (C, Born, Korn, Bash)

#### Role Summary

- Technical Architect (4 years)
- Project Manager ( 2 years)
- Senior Software Engineer (3 years)
- Software Engineer (9 years)

#### Industry Knowledge

- Investment Banking (2 years)
- Epos Systems (1 year)
- Nuclear Medicine (2 years)
- Electrical Engineering (6 years)
- Police (5 years)
- Government (10 years)

### Professional Experience

#### Strategic Systems Solutions

##### March 2002 – Present: Project Manager/Technical Lead

Skills: Java, EJB, JDBC, XML, SQL, Oracle, Eclipse, JBoss, Tomcat, Websphere, UNIX, Windows

Component Manager and hands on technical lead on a large investment bank project that won the 'European Banking Project of the Year'. This intranet project performs straight through processing of trades on a J2EE platform.

- Performed an advisory role to the client on software approach and policy.
- Worked with the client to identify and specify the system requirements.
- A loosely coupled message oriented middleware was used between Java machines
- A model view controller framework was developed using Java, JSPs and EJBs.
- Code developed in J2EE using Eclipse JBoss and Tomcat.
- Deployed to Solaris UNIX boxes in Websphere.
- Oracle access provided using JDBC, stored procedures and extensive scripts.
- Complex SQL written and tuned, using tkprof.
- XML configuration used widely.

#### EDS

##### January 2000 – March 2002: Technical Lead/Architect

Skills: Java, C++, C, JDBC, SQL, Oracle, JBuilder, Windows

Member of the technical architecture group on a government project that provided e-business solutions. The project included integrating legacy mainframes with Java applications (screen scraping). It was a complex environment that included LDAP, Oracle 8.1.5 JDBC, OSI comms, TCP/IP - Java sockets and the WebLogic 4.5.1 and 5.1 application server.

- Resolved transaction rollbacks in EJBs and performed performance monitoring and integration.
- Ported applications between AIX, Solaris, Linux and NT.
- Created a single portable build environment with automatic Make file generation.
- Developed a singleton class for JNI calls to a single threaded NT DLL.



- Prototyped the use of a proxy server for a Weblogic cluster.
- Designed, physically assembled, and cabled a 15 Sun Microsystem E450 architecture, including installing the operating system, setting up comms to a legacy OSI mainframe and training the existing staff.

#### **Sema Group**

**August 1998 – January 2000: Technical Lead/Architect**

Skills: C, Perl, Systems Admin

Provided second line support and performed an operational review of an outsourced department for a Government contract.

- Performed x25 and TCP/IP configurations, fault finding, and resolved Unix security issues for DERA
- Wrote Y2K requirements and completed AIX installs and upgrades to make machines Y2K compliant.
- Completed an Ingres installation.
- Assisted developers in defining technical architectures and solutions in an Oracle/AIX environment, performance analysis and tuning.
- Designed and built an Apache Web Server running Linux.
- Wrote a socket based dial back utility to overcome customer network restrictions, through firewalls.

#### **Automobile Association, independent consultant**

**October 1997 – July 1998: Senior Software Engineer**

Skills: C++, CORBA, UNIX, Windows

Established the project and project team to support the AA's own Middleware, which involved taking technology from other projects and centrally controlling them as a strategic solution prior to a third party Middleware product being chosen. Development completed in the WINDOWS NT4 environment using Visual C++ 5.0.

- Middleware web site was created using FrontPage including a Middleware presentation.
- Interfaces using the Middleware were developed using Active Server Pages.
- The Middleware included mainframe links using DTS across UNIXWARE machines.
- Two mission critical applications and several smaller projects now depend on the Middleware.
- Assisted in the design of the application's 3-tier client/server architecture.

#### **Sun Microsystems TELCO Group**

**July 1997 – October 1997: Senior Software Engineer**

Skills: C, Motorola Instruction Set, Systems Admin

Worked with Sun's fault tolerant hardware support group to resolve outstanding incidents.

- Diagnosed SCSI problems with DAT drives.
- Utilized a SCSI bus analyzer and various kernel debugging tools (adb, kadb).
- Supported systems administration, installation and component replacement, as well as C programming.

#### **Andersen Consulting (Accenture)**

**October 1996 – July 1997: Senior Software Engineer**

Skills: Visual C++, MFC, Sybase, SQL, Windows

Andersen Consulting won a government contract to supply a 3 Terabyte, 5,000 user, 3 tier client/server architecture. Worked in the final releases of the technical infrastructure and was responsible for the design and coding of the batch drivers and the infrastructure build and release. Modified and wrote



code using C++, Sybase 11, Encina and OSF/DCE under HP-UX 10.10 in a multi-threaded, distributed environment, whilst adopting an OO approach to design.

**Santa Cruz Operations (SCO UNIX) Embedded Systems Division  
July 1996 – October 1996: Senior Software Engineer**

Skills: C, EPOS, TCP/IP

Embedded systems/kernel integrations project which converted SVR4 device drivers for a Siemens BEETLE EPOS (till) system. Modified the SCO console device driver producing a new video driver, a streams module and driver, plus a kernel eventiser for X-Windows based mice.

**CSC Services Management GmbH. Germany  
April 1996 – June 1996: Software Engineer**

Skills: C, C++, Middleware, Informix ONC RPC

Technical role with C and C++ programming, system tuning and performance work for Middleware in a two tier client/server architecture under Windows 3.1 and UNIX. The middleware provided transparent C-ISAM interfaces for accessing large numbers of virtual files on various machines, including IBM mainframes, IBM RS6000's and SCO Unix.

**SEMA Group  
December 1995 – April 1996: Software Engineer**

Skills: C, Ingres Admin, TCP/IP, OSI, DNS, SLIP, PPP, Routing

Primary responsibility included AIX system administration, support and system builds. Completed fault finding, performance tuning and communications work for TCP/IP, OSI, and x25, and hardware installation for IBM.

**Information Technology Services Agency (ITSA)/ Andersen Consulting  
October 1990 – November 1995: Software Engineer/Architect**

Skills: C, Ingres Admin, TCP/IP, OSI, DNS, SLIP, PPP, Routing, Ingres ESQ/C, Newtwise RPC

UNIX support technical architect. Established 1st and 2nd Line support groups, resolved technical and build issues and liaised with the manufacturers in a 3rd line support role. Developed the largest Intranet outside of the US on a Class A network. Designed and implemented restart and recovery polices. Installed modem and ISDN2 links, built X-Windows servers and PC clients, installed and built a SAS (statistics) server.

**Nodecrest Ltd.  
July 1987 – June 1989: Software Engineer**

Skills: C, Kernel Development, Informix, Nuclear Medicine

Developer for medical imaging company that supported 125 systems worldwide. Responsibilities included integration and modification of existing software with new hardware and applications. Device Drivers were written for SCO XENIX and SunOS. Nodecrest was the only Sun OEM at that time.

**Medical Physics Dept, Newcastle General Hospital  
June 1985 – June 1987: Software Engineer**

Skills: C, Kernel Development, Nuclear Medicine

Performed Informix development and shell scripting for patient databases.

**Education**

Sunderland University, Sunderland, UK, HND Electrical and Electronic Engineering  
Member of Institution of Electrical Engineers (IEE).



## UNIX Software Engineer 2

A software engineer with excellent communication skills and solid technical knowledge including Perl, C, SQL, Sybase, Oracle and UNIX. More than 11 years of experience in the investment banking / financial markets sector. Strong team-working skills gained through participation in offshore projects managed in New York and London. Experienced in leading a project through the entire systems development lifecycle from requirements analysis to final system delivery and support.

### Key Skills and Knowledge

#### Skills

- Perl (incl. DBI), C, COBOL, XML, Java
- SQL, Sybase, Oracle, DB2
- Unix shell scripts, Solaris, Red Hat Linux
- CGI, HTML, JavaScript, VBA
- Autosys, NetCool, PVCS
- JBuilder, Visual C++ Developer Studio

#### Role Summary

- Senior Software Engineer (7.5 years)
- Software Engineer (4 years)

#### Industry Knowledge

- Investment Banking (4.5 years)
- Financial Applications Software (7 years)

### Professional Experience

#### Strategic Systems Solutions

##### August 1999 – Present: Senior Software Engineer

Skills: Perl, SQL, Sybase, UNIX, Linux, Korn shell, Autosys, CGI, HTML, XMIM

Senior member of a Market Data support team within an international investment bank. Application development and support provided for a globally replicated Sybase database of referential market data. This repository supports a wide range of financial instruments and data vendors, including Reuters, Bloomberg, S&P, MSCI, DTC, JJKenny, and OCC.

- Provides on-call support at weekends, overnight and for critical market events (e.g. index rebalance, options expiration).
- Designed/developed a loader to process data feeds of equity indices from Morgan Stanley Capital International (MSCI). The feeds were processed on a region by region basis, encompassing 100,000 index constituents per day. Worked closely with index traders to provide solutions for their specific business requirements.
- Maintains a loader that processes an Options Clearing Corporation (OCC) data feed. This application processes more than 450,000 options across multiple US exchanges each day.
- Set up complex Autosys batch processing schedules linked to NetCool alarms, e-mail and beeper notification.
- Allowed code table maintenance and application control via CGI interfaces and a web browser.
- Redesigned a loader to retrieve and process end-of-day and intraday packages of market data into a LIM / XMIM database.
- Developed common, reusable code modules and Sybase stored procedures.

#### British Gas (BG plc), independent consultant

##### January 1999 – June 1999: Senior Software Engineer

Skills: UNIX, SQL, Oracle, VBA

Part of a Financial Redesign Project that developed/implemented modifications to QSP Financials Purchase Ledger and General Ledger systems running on a UNIX (Solaris) / Oracle platform.

- Supported two live QSP Financials systems, including out-of-hours / on-call support.
- Made custom modifications to QSP Financials programs, GUI and database tables.



- Performed Y2K conversion and testing of external data feeds.
- Consulted with QSP Financials users.
- Diagnosed, applied and administered software upgrades and fixes.

### **QSP Financials**

#### **October 1992 – December 1998: Senior Software Engineer/Software Engineer**

Skills: C, UNIX, SQL, Oracle, Sybase, DB2, COBOL, Windows NT / 9x GUI, PVCS, CICS

Member of the Architecture team that provided development and support of QSP Financials' core architecture across multiple operating systems (Solaris, AIX, Windows NT) and databases (Oracle, Sybase, DB2).

- Managed project that developed bespoke Purchase Ledger modifications for a large public-sector client.
- Responsible for ensuring that programming standards and practices were documented and adhered to within the project team. This effort contributed towards QSP receiving ISO 9001 accreditation.
- Supported the QSP Financials core architecture, which comprised UNIX shell-scripts and Micro Focus COBOL routines, together with libraries of C programs.
- Ported Micro Focus COBOL source code from UNIX to Windows NT.
- Used Microsoft Visual C++ Developer Studio to rewrite UNIX shell scripts into POSIX-compliant C code.
- Converted tables and data between databases.

Involved in the analysis, design and development of the QSP Financials' Purchase Ledger system.

- Supported the QSP Financials Purchase Ledger system on many customer sites, including public sector and FTSE100 companies. This role involved dialling into clients' systems to investigate and resolve problems, together with on-site and telephone support.
- Developed on-line and batch systems for data entry of invoices, expenses and BACS payments to suppliers.
- Designed and developed GUI screens for data entry and transaction enquiries.
- Provided source code management (using PVCS Version Manager) of multiple software releases and client configurations.
- Devised and executed test plans.

### **Education**

Bachelor of Science (Honors) in Computer Science, Royal Holloway, University of London, England



## COBOL/DB2 Software Engineer 1

An experienced software developer and business analyst with a wealth of experience through all stages of the development lifecycle. Possesses sound technical knowledge including COBOL, CICS, DL/1, JCL, DB2, Natural and Adabas. Good communicator who has the ability to work well either as part of a team or independently. Able to work within extremely tight deadlines and all work is produced in accordance with the relevant standards and procedures.

### Key Skills and Knowledge

#### Skills

- COBOL, CICS
- DL/1, DB2
- JCL
- Natural, Adabas
- TSO

#### Role Summary

- Business Analyst (1 year)
- Senior Software Engineer (9 years)
- Software Engineer (5 years)

#### Industry Knowledge

- Investment Banking (7 years)
- Health Service (3 years)
- Gas Industry (5 years)

### Professional Experience

#### Strategic Systems Solutions

##### February 1997 – Present: Business Analyst/Senior Software Engineer

Skills: Natural, Adabas, JCL, TSO

Business/Technical Architect at an investment banking client. Responsible for generating Functional Specifications from Business Requirements for complex data extracts on a large intranet project. Also provides support and advice on existing extracts and coordinates small/medium system enhancements.

- Provides data mappings between business-defined attributes and the core data model.
- Generates Functional Specifications to facilitate the development of new data extracts.
- Provides front line support for all issues relating to the data extracts.
- Coordinates all small/medium enhancements to existing extracts from initial requirements gathering through to implementation.

Senior Software Engineer at an investment banking client. Integral part of a team that supported the bank's Corporate Actions systems using Natural, Adabas, JCL, and TSO.

- Performed requirements gathering, analysis, coding and testing to convert all Greek assets to Euro.
- Completed small/medium system enhancements through all stages of the project lifecycle.
- Acted as coordination focal point to the business for all systems issues.
- Prioritised system enhancements and allocated tasks to team members as appropriate, overseeing all work through to implementation.
- Provided ongoing 24/7 support.
- Developed technical and business training documentation and provided on-site training seminars for 25 new developers.



Senior Software Engineer at an investment banking client. Developed a Global Custody Asset Transfer system, which was responsible for the take-on of client assets from other custodians. Key responsibilities included:

- Requirements gathering from the bank's users and external agencies.
- Designed and built the system using Natural/Adabas, JCL and TSO.
- Coordinated all testing both within the client bank and with external agencies.
- Delivered user training and provided appropriate supporting documentation.
- Provided ongoing 24/7 support and completed required system enhancements.
- Re-engineered the application to handle the disposal of assets alongside the acquisition.
- Following its UK success, rolled out the system globally in the US and Asia.

### **Prescription Pricing Authority**

**September 1994 – February 1997: Senior Software Engineer**

Skills: COBOL, DB2, CICS, JCL, TSO

Lead developer within the application support area responsible for the daily maintenance of the installation batch process and on-line applications.

- Analysed system failures and identified appropriate course of action to reach a resolution.
- Prioritised and allocated work within the team
- Supervised corrective changes to the production environment.
- Completed COBOL/DB2 system enhancements.
- Provided ongoing 24/7 support.

### **British Gas**

**September 1989 – September 1994: Software Engineer**

Skills: COBOL, DB2, CICS, JCL, TSO, DL/1

Software engineer working on a variety of on-line and batch applications.

- Responsible for a pilot inter-site project working with several developers overseeing their work across multiple sites.
- Completed a variety of on-line and batch system enhancements.
- Mentored and supervised trainee developers and assigned work appropriate to their ability
- Provided ongoing assessment and feedback on trainee development to senior management
- Provided ongoing 24/7 support.

### **Education**

BTEC National Certificate in Business Studies, Newcastle College, England

BTEC Certificate in Management (NVQ Level 4), British Gas Training and Development



## COBOL/DB2 Software Engineer 2

A software engineer and team leader with excellent communication skills and solid technical knowledge including DB2, ADABAS, Natural and COBOL. Instrumental in supporting the IT infrastructure and testing functions at a large Investment Bank. Also performs a technical mentoring role for other team members.

### Key Skills and Knowledge

#### Skills

- DB2 Database Administrator
- Natural/Adabas, Natural/Sybase, Natural/DB2
- COBOL/DB2, VSAM, SQL
- IBM MVS/ESA, IBM Utilities
- BMC Utilities, Adabas Online Services Utilities
- FILEAID, FILEAID/DB2
- JCL, REXX
- APS, Microfocus Workbench, XDB
- Shadow Direct, JAVA, J2EE, Unix

#### Role Summary

- Technical Lead (6 years)
- DB2 Database Administrator (1 year)
- Senior Software Engineer (3.5 years)

#### Industry Knowledge

- Investment Banking (6 years)
- Prescription Systems (4.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### January 1998 – Present: Technical Lead

Skills: Natural/Adabas, Natural/Sybase, Natural/DB2, COBOL, JCL, IBM Utilities, Adabas Online Services Utilities, BMC Utilities, Shadow Direct

Provides hands on technical leadership while providing IT infrastructure support to a large investment bank. The team is instrumental in ensuring 24\*7 cover and is responsible for any Production abends which are infrastructural in nature or which cannot be solved by Application Support. Provides and supports development and change control tools to promote stability and productivity. The team supports thousands of users worldwide and is the primary contact for users in the Far East, Europe and the U.K., and the U.S.

- Responsible for Risk Management.
- Advises Application Support members regarding uncommon abends.
- Developed and now maintains the investment bank's mainframe testing system (SYSTEST) using Natural/Adabas. The system creates a privatized testing environment for each user to enable faster and more focused testing.
- Responsible for providing immediate support to users performing external regularity testing (these have predominantly been based in the Far East).
- Developed and maintained Change Control application using Natural/Adabas and Natural/DB2.
- Supports Mainframe data retrieval by distributed applications through the use of Shadow Direct, a middleware product.
- Supports a GUI to facilitate Mainframe data retrieval using JAVA, J2EE and UNIX.
- Creates presentations and provides training for all supported products.
- Often contacted in an advisory capacity regarding best practices.
- Works closely with development teams to provide new testing tools.
- Works closely with the Engineering team to test new upgrades before migration to production.
- Responsible for verifying mainframe operability after each upgrade and weekly IPL.



Technical lead for the development of the Integrated Testing Environment (ITE). This tool was designed to support Y2K testing. It provided a private and centralized environment which was instrumental in ensuring the Firm's systems were Y2K compliant. Responsible for providing technical assistance to users within the Far East, Europe and the U.K. Colin was the sole team member who was based outside of the US.

- Responsible for firm-wide Y2K testing issues (Far East, Europe and the UK)
- Maintained and enhanced the ITE system
- Provided training for the many Y2K tools which were available.

### **Prescription Pricing Authority**

**June 1993 – December 1997: DB2 Database Administrator / Senior Software Engineer**

Skills: DB2 version 4, COBOL/DB2, SQL, IBM Utilities, BMC Utilities, Fileaid, Fileaid/DB2, SQL, APS, Microfocus Workbench, XDB, JCL, REXX

Database Administrator responsible for both the stability and integrity of the DB2 data. The primary goal was to improve the performance of the IPS Batch suite of jobs which only had a 3 day window in which it could run.

- Used various performance monitoring tools to fine tune a large number of production jobs
- Responsible for the evaluation and maintenance of a number of indexes on key tables to increase performance.
- Performed various house-keeping tasks
- Conducted SQL code reviews for developers
- Provided SQL training to new developers
- Submitted data for several Prescription Data Requests by members of Parliament.

Involved in the design and development of the IPS Batch reporting stream. The reports generated in this job stream were sent to various health organizations within the National Health Service.

- Designed, coded and tested numerous batch jobs using COBOL/DB2
- Developed these modules using both pc based code generators and the IBM mainframe
- Provided documentation which conformed to ISO9001, which the PPA had been awarded.

### **Education**

Bachelor of Arts (Honors) in Business Computing, University of Sunderland, England

### **Additional Training**

IBM DB2 for OS/390 Database Administration  
IBM DB2 for OS/390 SQL Performance Tuning  
IBM DB2 for OS/390 Systems Performance and Tuning  
IBM JCL  
IBM REXX  
Intersolv APS Coding  
SAG Introduction to Natural Programming  
Introduction to Distributed Technologies  
Core Java Programming for J2EE – Server Side



## COBOL/DB2 Software Engineer 3

A senior software engineer with excellent communication skills and solid technical knowledge gained in the IBM OS/390 Mainframe environment. Works effectively throughout the whole project lifecycle, from capturing initial requirements to final system delivery. Performs a technical mentoring role for other team members.

### Key Skills and Knowledge

#### Skills

- Cobol, CICS, Natural
- DB2, IDSMX, ADABAS
- TSO, ISPF, REXX, ROSCOE
- Fileaid
- NDM, XCOM
- Microfocus Cobol, APS
- Visual Basic, Crystal Reports

#### Role Summary

- Senior Software Engineer (6 years)
- Software Engineer (6.5 years)

#### Industry Knowledge

- Investment Banking (6 years)
- NHS (5.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### March 1998 – Present: Senior Software Engineer

Skills: Natural, ADABAS, COBOL, CICS.

Senior consultant on a project to modify an existing consumer credit system for a Customer Relationship Management client. The system will allow for management of an acquired Student Loans portfolio. Coded and tested amendments to DTB Cobol and CICS programs.

Supported conversion of JCL from JES3 to JES2 for a Customer Relationship Management client. All Production jobs needed to be JES2 compliant when the mainframe's Job Entry Systems were changed.

- Identified non-compliant Production jobs requiring conversion.
- Analyzed, designed and created an automated conversion tool in Natural to process large batches of JCL quickly and efficiently.

Responsible for technical support of our Investment Banking client's General Ledger. Worked as part of the Global Finance team.

- Performed day-to-day support and maintenance of Finance Systems.
- Responded to requests from users for ad-hoc data and reports.
- Merged the ledgers from two investment banks after a corporate take over.
- Migrated two large international office branches to the General Ledger.
- Created daily financial feeds from the Mainframe to be sent to a new Management Reporting tool (MERIT).

Lead developer in the Global Investor Services/Corporate Actions team of an investment banking client.

- Completed analysis, design and construction of a system to automate transition trades from another investment bank.
- Created new batch reports and on-line enquiries to highlight uninstruced balances and the options taken by clients for Corporate Action issues.



Member of the Derivatives Optimization project for an investment banking client. The aim of the project was to improve processing times of the overnight batch.

- Analyzed inefficient jobs (long CPU/running times), particularly those along critical path.
- Checked for inefficient ADABAS file accesses, the sort order of input files, and in which version of Natural code the program was compiled.
- Sent proposals for approval.
- Calculated statistics of potential improvement from implementing proposals.

Software engineer for a Y2K compliancy project focused on message handling systems. This project was for an investment banking client.

- Checked COBOL, CICS and Natural programs for compliance.
- Completed Cobol-1 to Cobol-370 conversions.
- Made amendments where necessary and tested changes.

### **Prescription Pricing Authority**

**September 1992 – March 1998: Software Engineer**

Skills: COBOL, CICS, DB2, Microfocus COBOL, APS, Visual Basic, Crystal Reports

Member of Application Support team. Performed day-to-day support and maintenance of Production batch and on-line systems. Responded to requests from users for ad-hoc data and reports.

Developed new on-line systems as part of a major database reorganization project (PACT Replacement). This effort increased the amount and level of information supplied to GPs about their prescribing.

- Completed analysis and design of on-line systems to access the new DB2 database structure.
- Completed construction of CICS programs, firstly in a PC environment using APS and Microfocus Cobol, and then on the Mainframe.

Created new PC-based system to identify high volumes of prescribing and dispensing to help with the detection of fraud within the NHS.

- Completed analysis, design and construction of Prescription Searches facility.
- PC front-end written in Visual Basic, using ODBC to interrogate the Mainframe DB2 database and Crystal Reports to present the data to users.

### **Harwell Laboratory, UK Atomic Energy Authority**

**July 1989 – September 2000: Software Engineer**

Skills: COBOL, DB2, IDSMX

Member of Data Processing team. Performed day-to-day support and maintenance of Production batch systems. Developed batch reporting programs as part of a new site financial information system.

### **Education**

Bachelor of Arts (Honors) in Business Computing, Sunderland Polytechnic, England

### **Additional Training**

Currently taking the Securities Institute qualification.



## Oracle Database Administrator

Database administrator, application designer and developer with strong technical knowledge of SQL, Oracle server technology and UNIX. He has previous experience of Sybase and Ingres as both an administrator and a developer. Performs a technical mentoring role for the team.

### Key Skills and Knowledge

#### Skills

- ORACLE Certified Professional DBA version 9i
- Oracle database administration
- Sybase and Ingres database administration
- UNIX administrator and developer
- PL/SQL, SQL
- C, C++, Java
- Unix shell and tools

#### Role Summary

- Database Administrator/Software Engineer (14 years)

#### Industry Knowledge

- Investment Banking (2 years)
- Central Government (7 years)
- Rail Industry (1 year)
- Offshore Oil Industry (2 years)
- Academic Research (2 years)

### Professional Experience

#### Strategic Systems Solutions

##### August 2002 – Present: Database Administrator/Software Engineer

Skills: PL/SQL, SQL, Oracle, Websphere, UNIX

Hands on developer, designer and development DBA on a large investment bank intranet project to perform straight through processing of trades on a J2EE platform. The product processes more than 750,000 trades per day for several international locations.

- Designed and implemented standard PL/SQL coding templates.
- Coded individual PL/SQL modules.
- Created logical and physical database designs.
- Designed the regionalisation architecture using Oracle Fine Grained Access Control.
- Set-up UNIX structures and coded UNIX utility functions.
- Wrote complex SQL and tuned it using Oracle Trace Analyzer and event 10046.
- Developed common code modules.
- Created ad hoc Java utility functions.

#### Logica Client Railtrack, independent consultant

##### December 2001 – August 2001: Database Administrator

Skills: Oracle, JDBC, Java, J2EE, SQL, PL/SQL, UNIX, Websphere

Development and production database administrator in a mixed HP-UX and NT environment. Completed substantial analysis of a struggling live system and made recommendations for improvements. Involved in all Oracle aspects of a new PPS (Possession Planning System) project.

- Installed, upgraded and maintained Oracle on HP-UX and NT development servers.
- Installed Websphere 4.0.2 on HP-UX and provided HP-UX 11 system administration.
- Completed troubleshooting and tuning of complex SQL queries.
- Developed UNIX shell scripts.
- Created logical and physical database designs.
- Developed data cleansing and data loading routines to populate production databases from Excel spreadsheets using SQLLDR.



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**Electronic Data Systems, independent consultant**

**October 1999 – October 2001: Database Administrator/Software Engineer**

Skills: Oracle, JDBC, Java, J2EE, SQL, PL/SQL, UNIX, Weblogic

Development and production database administrator for a large outsourcing group. Supervised migration of the Oracle database side of two high profile applications from logical and physical design through development and into live support. Developed PL/SQL packages and middle tier Java components. The project used a three-tiered architecture based on Java Server Pages, Enterprise Java Beans (Weblogic Application Server), and Oracle 8i, in a mixed Solaris 8, AIX and NT environment. Gained exposure to Oracle 9i on Solaris.

- Installed, upgraded and maintained Oracle on 30+ UNIX and NT development and live servers.
- Defined the Oracle requirements for the project.
- Interfaced Oracle to Weblogic using JDBC and PL/SQL stored procedures and Enterprise Java Beans.
- Optimised SQL queries.
- Developed backup and recovery utilities using Oracle RMAN.
- Created UNIX shell scripts.
- Designed and built new databases using Designer 6i.
- Upgraded from Oracle 8 to Oracle 8i on NT, Solaris and AIX.
- Installed Oracle 9i on Solaris.

**Amec, independent consultant**

**January 1998 – October 1999: Database Administrator/Software Engineer**

Skills: Oracle, Java, SQL, PL/SQL, UNIX

DBA for an off-shore engineering company. Designed, created and loaded a decision support database to support a multi million pound compensation claim. Assisted with the mainstream database administration work of the company.

- Performed data loading from Oracle and Non Oracle sources using SQLLDR.
- Developed SQL / PLSQL queries.
- Optimisation of SQL queries.
- Backup and recovery of Oracle databases.
- Developed UNIX shell scripts.
- Developed JAVA applications using Jdeveloper and JDBC.
- Designed and built new databases using Designer 2.1.
- Migrated databases from Oracle 7.3 on UNIX to Oracle 8.05 on NT.
- Upgraded from Oracle 8 to Oracle 8i on NT and UNIX.
- Provided AIX administration.

**Andersen Consulting, independent consultant**

**January 1997 – December 1998: Database Administrator/Software Engineer**

Skills: Sybase, Oracle, UNIX, C, C++, DCE

Worked initially as a Sybase software engineer before moving into the development DBA role on the National Insurance Recording System 2 (NIRS2) project. Responsible for an Oracle 7 database that was used to support HP OpenView.

- Supported the development, testing and training teams on the project.
- Developed Unix Shell Scripts on HP-UX versions 9 and 10.
- Developed middle tier and database access modules in C and transact SQL in a large three-tiered client server environment.
- Provided Oracle 7.3 administration to support HP OpenView.



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**British American Consultancy Group, independent consultant**  
**August 1996 – November 1997: Software Engineer**

Skills: Oracle, Ingres, UNIX, C

Analyst programmer on a project that converted an Ingres C/SQL application to Oracle/SQL.

**Andersen Consulting, independent consultant**  
**July 1995 – August 1996: Database Administrator / Software Engineer**

Skills: Ingres, UNIX, C, C++, Sybase

Production database administrator on the Employers Index System, ENDX.

Developer on the National Insurance Recording System 2 (NIRS2) project. Created database access modules in C, C++ and Transact SQL in a three tiered client server environment.

**Independent Consultant**  
**April 1991 – July 1995: Database Administrator**

Skills: C, Ingres, Oracle, UNIX

Completed projects at Quality Software Products, World Markets, the Department of Social Security, the Department of Employment, and Provincial Insurance.

**Debenham, Tewson and Chinocks**  
**July 1990 – April 1991: Software Engineer**

Skills: C, Ingres, Oracle, UNIX

Performed a software engineering role using C, Ingres, Oracle and UNIX.

**Education**

Master of Science in Computer Science, University College, London, England

Master of Science in Economics, Birkbeck College, London, England

Bachelor of Arts (Honours) in Geography, Middlesex Polytechnic, England

**Additional Training**

Oracle 9i New Features for Administrators  
Introduction to Securities and Investments  
SSADM Version 3 Certificate of Proficiency



## Oracle Software Engineer

An Oracle programmer and Database Administrator with a strong background in UNIX. Has excellent communication skills and proven experience in fast assimilation of new skills. Experienced in database and application development life cycle, code and database performance tuning, and 24 hour production support.

### Key Skills and Knowledge

#### Skills

- Oracle PL/SQL, SQL, SQL\*Plus, SVRMGR
- Oracle RDBMS 8.0,8i,9i DBA
- Oracle Pro\*C & Pro\*COBOL
- Oracle Forms 4.5 & 5
- Oracle 8i / Windows 2000 DBA
- Unix shell scripting (Solaris/Korn Shell)
- Unix utilities – Sed, Awk, Vi, Syncsort
- T.O.A.D., O.E.M., SQL Navigator
- MS SQL Server - Enterprise Manager, Query Analyzer, Transact-SQL
- XML, HTML

#### Role Summary

- DBA / Developer (7 years)

#### Industry Knowledge

- Investment Banking (1 year)
- Retail Software (6 years)

### Professional Experience

#### Strategic Systems Solutions

##### February 2003 – Present: Oracle Developer

Skills: PLSQL, SQL, SQL\*Plus, UNIX, T.O.A.D.

Developer on DSS/Replicated Oracle/Sun platform, working closely with DBA and other teams to document and enforce good coding practice, change control, maintenance procedure and provide strategic and tactical database solutions, for investment banking client.

- Wrote and tuned PL/SQL, SQL, SQL\*Plus and Unix Shell scripts to run against High-Availability Terabyte sized replicated DSS databases.
- Wrote shell scripts for file, job management and FTP/SFTP.
- Researched advanced/new Oracle functionality to improve skills within the team.
- Supported DBA team when required.
- Provided application/database architecture design assistance to Data Engineering.
- Utilized Oracle online support, user groups and in-house support systems.
- Provided twenty-four hour support for production and test environments.
- Provided support for and liaised with teams in many time zones (on-site, near-shore and off-shore).

#### Littlewoods Retail Group

##### March 1999 – February 2003: Database Administrator

Skills: PL/SQL, SQL, SQL\*Plus, SVRMGR, Advanced Queuing, XML/XDK, Pro\*C, C, UNIX, TOAD, SQL Navigator

Technical DBA on a cross project team. Primarily responsible for application coding and database issue resolution for a 500+ IT applications department, implementation of new technologies, and provision and maintenance of development environment.

Application DBA for implementation of a three-tier Product Data Management tool onto Sun/Oracle – Gerber Technology WebPDM, as part of 40 million GBP project to merge the companies under the



Littlewoods umbrella. Challenges included deployment onto Sun/Oracle of an application developed on an SQL Server/Windows environment.

Responsible for design, coding and implementation of all aspects of an Oracle data hub which collected real-time data from all of Littlewoods on-line ordering, stock management and customer account management systems using XML messaging on Oracle Advanced Queues and partition managed tables.

- Provided logical database designs, backup and recovery strategies, capacity planning and trend analysis for application development and production support teams.
- Created generic database APIs for Oracle Advanced Queuing/XML Messaging and Partitioning.
- Planned and supported database/application migrations and upgrades.
- Performed database server/application de-bugging and liaised with Oracle Global Support.
- Wrote shell scripts to automate database tasks such as creation, start/stop and backup.
- Managed JDK and XDK installation and upgrade in over 120 development, test & production environments.
- Provided twenty-four hour support for production databases and applications and support third party database applications on Oracle/SQL Server/Unix/Windows environments.
- Attended Seminars and User Groups (PL/SQL, XML, AQ, and Partitions) and cascaded the new information and techniques to development/application teams.
- Wrote/published internal documentation for coding good practises, API's, and in-house applications.

### **Littlewoods Stores**

#### **June 1997 – March 1999: Oracle Developer**

Skills: Oracle PL/SQL, SQL\*Plus, Pro\*COBOL, Pro\*C, Oracle Forms, Oracle Reports, C, UNIX, Syncsort, PVCS, Control-M

Programmer in a large internal IT project to migrate the retail stock management system onto a 3rd party application, RETEK, residing on Oracle/Sun platform from a file based HP/COBOL system.

- Developed code in PL/SQL, Forms 4.5, Pro\*COBOL and Pro\*C.
- Developed Korn shell scripts on Sun Solaris platform.
- Worked as assistant DBA to development team, managing trend analysis, storage and deployment of baselines, together with code deployment and code tuning.
- Assisted as DBA in porting of the application to Sun E10K Starfire boxes.
- Provided twenty-four hour support for production systems.
- Learned to switch code development easily between many platforms and to understand fundamental differences between the languages.
- Utilized PCVS version control software and Control-M batch management software.

### **Education**

Automotive Engineering, 2nd Year, Loughborough University, Loughborough, England

Mechanical Engineering, 1st Year, Imperial College of Science and Technology, London, England

Advanced Level Chemistry, Physics, Pure Mathematics with Mechanics, Further Pure Mathematics with Mechanics. Sir John Deane's College, Northwich, England

### **Training**

Oracle: database backup and recovery, performance tuning, new features, architecture and concepts, Oracle PL/SQL & Forms 4.5 & 5.

Microsoft SQL Server: database administration and querying with Transact-SQL using Enterprise Manager and Query Analyzer tools on a Windows 2000 platform.



## Project Manager

A project manager with strong verbal and written communication skills combined with excellent organizational skills. Has worked effectively throughout the full project lifecycle, from analyzing and capturing user requirements to system implementation and support. Has experience of setting up Project / Programme Support Office infrastructure, as well as Resource Management.

### Key Skills and Knowledge

#### Skills

- PRINCE2 Practitioner
- MS Project, PMW
- Business Analysis
- SSADM
- Adabas, Natural, COBOL, CICS COBOL
- TSO, ROSCOE, Fileaid, Expediter
- VSAM and BDAM files
- Unix, MUMPS
- Microfocus COBOL, Dataflex
- EDIFACT Messaging

#### Role Summary

- Software Engineer (3.5 years)
- Senior Software Engineer (3 years)
- Project Manager/Team Leader (4 years)
- Project Manager/Resource Manager (5.5 years)

#### Industry Knowledge

- Investment Banking (4 years)
- Retail (2.5 years)
- NHS (6 years)
- Rail (3.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### May 2000 – Present: Project Manager/Team Leader

Skills: PRINCE2, MS Project, Business Analysis, Mainframe development

Led a variety of internal and external projects.

- Currently leading an initiative to create an internal Project Support Office, to provide mentoring and support facilities for Project Managers including, best practice recommendations, metrics gathering and analysis facilities, and other services.
- Worked with clients to define their requirements for new services, including Project Management Office support staff and Messaging Technology support analysts.
- Managed recruitment initiatives from inception through to new staff induction
- Managed several development projects using mainly ADABAS Natural, running on IBM mainframes, also on a UNIX platform.
- Analyzed both small and large enhancements to existing systems, producing system design documentation, coding, testing, user testing support and implementation.
- Analyzed and documented the requirements for a human resource system.

#### Next Retail

##### November 1997 – May 2000: Senior Software Engineer

Skills: Business Analysis, Mainframe development, Adabas, Natural, COBOL, CICS COBOL, TSO, ROSCOE, Fileaid, Expediter, VSAM and BDAM files

Involved in all stages of the system development life-cycle, from requirements analysis through to implementation and support on a variety of different projects, in a mainframe environment.

- Led the development of a new warehouse system, which was designed to automate the process of sorting orders placed by customers of the Next Directory telephone ordering system.
- Worked with the customer / users to identify and document the functional and technical requirements for the system.



- Produced detailed functional and technical system design documentation.
- Monitored the development work while completing some of the coding, unit and system testing.
- The system was implemented and received excellent feedback from the warehouse personnel.
- Provided first and second line support for production systems.
- Completed small and large systems enhancements and major new developments.

### **FHS (NHS Information Office)**

**March 1992 – November 1997: Resource / Project Manager**

Skills: PRINCE, PMW, Business Analysis, SSADM, UNIX, MUMPS, EDIFACT Messaging

FHS was an NHS software house, responsible for maintaining and enhancing the core computer system, which ran at approximately 100 Health Authorities in England and Wales. Led a team of between six and ten staff who worked on development, second line support, and enhancement of the national Cervical Screening system.

- Responsible for the National Cervical Screening system's budget.
- Involved in an initiative to document Product Development Life-Cycle for all work covered by FHS. In approximately two years, the documentation was produced, implemented across the organization, and we achieved ISO 9001 accreditation.
- Responsible for coordinating projects which defined and implemented national EDIFACT standard messages for the transfer of data relating to cervical screening services between health authorities, GP surgeries and pathology laboratories.
- Performed line management activities for the team (e.g. appraisals, training, and staff development issues).
- Planned and monitored project work from requirements analysis through to implementation and review.
- Administered and chaired a user group, which decided on the content and priorities of our workload. The user group had representation from a number of Health Authorities, as well as other NHS bodies with an interest in cervical screening (e.g. GPs, pathologists, public health representatives).
- Prepared and gave presentations on the team's contribution to the work of the National Cervical Screening Programme at a number of different forums (e.g. at Health Authority open days, attended by around 200 health authority staff, pathology laboratory steering group meetings, British Journal of Healthcare Computing open day).

Was part of a team of five resource managers across FHS, who were responsible for defining, documenting and implementing the resource management function, which was new to the organization?

- Monitored and reported on progress towards targets set for non-project budgets for the staff in our office, such as training, administration, holiday and sickness.
- In liaison with the personnel manager, responsible for recruitment and induction of permanent, fixed term, student placement and contract staff for our local office (25 and 35 staff members).
- Carried out appraisals and devised and implemented personal development plans for the staff based in the office, from trainee through to project manager.
- In liaison with the training manager, produced and implemented a yearly training plan for staff in the office, based on corporate objectives set in the firm's 1 and 5 year business plans.
- Organized, chaired and documented monthly office meetings, the aim of which was to ensure good lines of communication were open between staff in the office and the company's management team.
- Responsible for implementing personnel policies, such as disciplinary and grievance procedures for staff based in the office.
- Managed the office's administration function.



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Worked for six months on the national Breast Screening system.

- Carried out systems analysis and design activities.
- Coded, tested, and implemented system enhancements (MUMPS code, running on Unix platforms)
- Provided second line support.
- Prepared and presented a two-day training course to health authority staff on the national Breast Screening system.

### **British Railways Board**

#### **September 1987 – February 1991: Software Engineer**

Skills: Business Analysis, SSADM, Mainframe development, Adabas, Natural, COBOL, CICS  
COBOL, TSO, Fileaid, Microfocus COBOL, Dataflex

Spent three years working as a programmer and then a year leading a team of analysts working on enhancements the main Vehicle Maintenance System.

- Managed a team of five analysts,
- Liased with users, assessed system change requests, liased with the technical support team and the programming pool, and monitored the project budget.
- Designed, coded and tested programs for various projects.

### **Education**

Master of Arts (Honors) in German Studies, University of Aberdeen, Scotland

### **Additional Training**

Introduction to Securities and Investments – Securities Institute – passed with credit  
Visual Basic



## Business Analyst I

A Business Analyst with 10+ years of business analysis, consulting, software development, and project management experience. Proven ability to solve complex problems, continually learn new skills, and communicate effectively with all levels of an organization.

### Key Skills and Knowledge

#### Skills

- Project Management
- SDLC Methodology
- Testing
- Relational Database Design
- Technical Writing
- O/S: MS Windows, Unix, IBM OS/400
- Languages: MS Visual Basic, Html, Java, SQL/400, PL/SQL, RPG/400, RPG IV, CL
- Hardware: IBM compatible PC, Sun Microsystems Sun Fire 3800, IBM AS/400
- Software: Oracle 8i, MS Access, MS Project, MS Office (Word, Excel, PowerPoint), Visio Enterprise, Lotus Notes

#### Role Summary

- Business Analyst (6 years)
- Project Manager (3 Years)
- Senior Software Engineer (1.5 years)
- Software Engineer (2.5 years)

#### Industry Knowledge

- Investment Banking (3 years)
- Mortgage Banking (5 years)
- Commercial Banking (3 years)
- Manufacturing (2 years)

### Professional Experience

#### Strategic Systems Solutions

##### June 2003 – Present: Business Analyst

Skills: Project Management, SDLC Methodology, Testing, Technical Writing

Responsible for business requirements analysis, system design, quality assurance, issue resolution, and documentation. Involved in the expansion of an award winning trade processing system into the Asian market in order to significantly expand the role of a top international investment bank.

This clearance and settlement product processes more than 800,000 trades per day for London, New York, Tokyo, Hong Kong and Australia. There are over 1,100 global users and over 100 up and down stream interfacing systems. Project responsibilities include:

- Negotiate Functional Design and develop Functional Specifications.
- Coordinate clients across several continents.
- Communicate changes in requirements to users across all levels.
- Chair project documentation reviews as part of the Quality Assurance process.
- Develop test cases based on Functional Specifications and assist in testing.
- Coordinate conversion for product move to production environment.
- Resolve post-production issues.

#### JPMorgan Chase, independent consultant

##### April 2001 – June 2003: Business Analyst

Skills: Project Management, SDLC Methodology, Testing, Technical Writing

Business Analyst for the development and maintenance of a fixed income trade processing system. Was responsible for the entire project from beginning to end.

- Interviewed users to obtain business requirements and developed Business Requirements and Functional Specifications documents.
- Negotiated with outside Vendors to provide additional functionality.



- Created test cases based on Functional Specifications and assisted test execution.
- Coordinated conversion for the product's production migration and resolved post-production issues.

**ContiMortgage Corporation, independent consultant**  
**August 1998 – April 2001: Business Analyst/Project Manager**

Skills: Project Management, SDLC Methodology, Testing, Technical Writing

Business Analyst/Systems Analyst/Project Manager for modifications to a comprehensive loan processing and servicing system. The project reduced investor reporting turnaround time by 40%.

- Coordinated several departments during the business requirements gathering phase to develop a comprehensive document.
- Conducted status meetings.
- Developed Functional and Technical Specifications.
- Led the post-implementation review and documented lessons learned.

**Loewen Corporation, independent consultant**  
**October 1997 – August 1998: Senior Software Engineer**

Skills: SDLC Methodology, Testing, Technical Writing, RPG/400, RPG IV, SQL/400, CL

Responsible for designing and developing a collection management system.

- Designed data architecture.
- Assisted in writing Functional Specifications.
- Developed Technical Specifications.
- Wrote pseudo code for junior developers.
- Unit tested code written by self and others.

**Lenox Corporation**  
**October 1996 – October 1997: Senior Software Engineer**

Skills: SDLC Methodology, Testing, Technical Writing, RPG/400, RPG IV, SQL/400, CL

Responsible for enhancing a financial management system for a leading manufacturer of luxury products. Wrote complicated algorithms and developed Technical Specifications.

**ContiMortgage Corporation**  
**August 1994 – October 1996: Software Engineer**

Skills: RPG/400, RPG IV, SQL/400, CL, Testing

Responsible for enhancing a comprehensive loan processing and servicing system. Assisted in the creation of the Technical Specification Document and wrote various algorithms for complicated components.

**First Fidelity Bank**  
**September 1991 – August 1994: Software Engineer**

Skills: RPG/400, RPG IV, SQL/400, CL, Testing

Programmer responsible for developing a commercial loan processing system. Wrote various algorithms for complicated components and unit tested code.

Financial Reporting Manager responsible for developing and maintaining a commercial loan reporting system. Managed a team of 2 people and was responsible for resolving any accounting issues.

**Education**

Bachelor of Arts in Business Administration, Temple University, Philadelphia PA



## Business Analyst 2

An experienced Business Analyst / Software Developer with a strong technical understanding of a breadth of technologies, linked with commercial acumen and the ability to identify requirements and to turn requirements into solutions. Grounded in structured design techniques and methodologies, with significant knowledge of financial services including investment banking gained through work carried out for major blue chip clients. Excellent interpersonal skills, capable of bridging the 'jargon gap' by relating complex technical issues to business minded people and vice versa.

### Key Skills and Knowledge

#### Skills

- Systems analysis and design
- SDLC and application development methodologies
- Requirements and information gathering techniques
- Technical writing (BRD, FSD)
- Testing strategies, test case development
- Cobol, CICS, PL/1, JCL, TSO
- Natural, ADABAS
- Oracle, SQLServer, SQL, Toad
- Visual Basic 6.0, VBA
- IBM Websphere, NDM
- MS Office (Word, Excel, PowerPoint), Visio, MS Access

#### Role Summary

- Business Analyst (1.5 years)
- Software Engineer (4 years)
- Office / Restaurant Manager (1.5 years)

#### Industry Knowledge

- Investment Banking (2.5 years)
- Credit Reference Agency (3 years)
- Retail Banking (3 years)
- Office / Restaurant Management (1.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### August 2001 – Present: Business Analyst

Skills: Systems analysis and design, cost / benefit analysis, requirements gathering, technical writing, and test case development

Working for a global investment banking client as the lead Business Analyst for the Decommissioning effort. Mandated to identify the requirements and to perform a comprehensive 'Gap Analysis' for the rollout to the US of the proprietary global settlement platform while identifying re-engineering and decommissioning opportunities. The system was successfully deployed in the UK during Q2 2002 generating savings of 35 million euros per year. The award winning event-driven, exception-based global settlement system operates under Sun Solaris using Oracle databases, with development being done in Java.

- While working on-site in the US, identified and engaged over 20 business areas.
- Identified and consolidated over 200 high level requirements for the US rollout.
- Created, developed, and managed the Deliverables Matrix.
- Performed comprehensive 'Gap Analysis' to ensure all identified requirements were satisfied by existing or proposed functionality.
- Identified 'gap items' and allocated these to specific project teams utilising knowledge of business, project and component architecture.
- Leveraged existing functionality deployed in the UK to satisfy US requirements.
- Produced detailed Business Requirement Documents and provided channel for communication to business and component teams.
- Advised on testing strategies and co-ordinated test case production with users, component, and testing teams.



- Facilitated data mapping between business-defined attributes and the core data model.
- Provided metrics and estimates to Project Management Office.
- Managed scope creep and ensured quality and timely completion of deliverables.
- Coordinated efforts with managers at all levels in both a business and technical capacity.
- Facilitated regular meetings and workshops with senior business and technical users.
- Held regular meetings with Senior Management to provide updates and to report on program progress.
- Liaised with business, development and component teams to ensure successful implementation.

Assigned to an international investment banking client, solely responsible for defining the processes and strategies for creating and providing all the test data for the SIT and UAT phases of the interfaces for the Asset Services Transformation project. AST was developed externally to replace the legacy Global Custody system, running the full gamut of securities processing, from announcement capture through cash and stock settlement to custody servicing.

- Utilised IBM Websphere MQ and NDM to transfer interfacing system's data to the US mainframe.
- Liaised with technical and business contacts, both internal and external, in the UK and abroad.
- Developed an application to create 'step-able' SWIFT messages, so the testing team could rapidly create extremely complex messages as dictated by test scripts, hence dramatically increasing the productivity.

Worked as part of a four man team responsible for delivering a bespoke foreign payment system for a major retail client. This project involved the specification, build and testing of the interfaces required to migrate the foreign payments functionality to Oracle Financials in line with the rest of the business. Interfaces were developed utilising Natural and ADABAS running under MVS to provide data from the existing contracting and payments system.

Designed and co-developed the Nottingham office's social intranet site using HTML, FrontPage, Dreamweaver and Fireworks.

### **Experian Ltd**

#### **October 1998 – July 2001: Software Engineer**

Skills: Systems analysis, design and development, Cobol, CICS, JCL, PL/1, TSO, Roscoe, Fileaid, SyncSort, Intertest, IDCAMS, VSAM, Visual Basic

Provided and maintained the on-line application processing (and the associated batch suites) for Nationwide Building Societies full range of financial product offerings. The proprietary systems maintained were a GUI Client / Server and a 3270, both connected to the Experian mainframe operating under MVS / ESA.

- Completed the full development life cycle within the team. Responsibilities included contributing to the programming output of the team, while continuing to develop the skills required to analyse, design, specify, code, test and maintain complex on-line and batch programs.
- Provided technical support to the client and users, on an ad-hoc basis, for the entire process from support logs being raised, through to analysis, resolution and enhancement recommendations for the system.
- Undertook a significant amount of analysis work and was involved in designing and producing program specifications, and developing the technical skills of junior staff. Also took over client ownership for Nationwide's Customer Worth marketing suite.
- Gained experience of COBOL, CICS, PL/1 and Visual Basic coding, Y2K modifications and testing, unit testing, system testing and change management processes.

### **MEFO Services and Monitoring Ltd**

#### **February 1998 – October 1998: Office Manager**

On joining this direct sales company providing perimeter security and monitoring services as sales consultant, and after consistently meeting sales targets, I was promoted to office manager. Principal



roles and responsibilities were to streamline the running of the branch while increasing office efficiencies.

- Automated core business functions including present and prospective customer details, service histories, weekly branch sales and marketing figures, sales consultants and engineers schedules and stock control.
- Produced weekly and monthly reports to pinpoint poor performers, profitable areas, and cross selling opportunities
- Helped shape the branch's sales and marketing strategies.

### **Lizard Lounge**

#### **June 1997 – February 1998: Restaurant Manager**

Responsible for overseeing the running of this lively restaurant within a busy town center night club. Created and implemented menus and seasonal specialties in keeping with the club's door policies and budget. Also responsible for cellar management, banking and 'cashing up', hiring staff, wages, promotions and weekly rotas.

### **Education**

Bachelor of Science (Honors) in Computer Systems, Nottingham Trent University, England  
BTEC HND in Aeronautical Engineering, North East Wales Institute, Wales

### **Training**

NVQ Level 2 in Software Creation  
Natural  
ADABAS  
IBM WebSphere MQ



## Test Manager

A Test Manager with over six years experience including four years managing and working within manual and automated testing projects and two years in a system design and development role. Excellent communication skills support a solid technical knowledge over a number of technologies and platforms. A strong foundation in Testing and Quality Assurance methodology enables efficient and effective work throughout the Systems Development Lifecycle. Currently studying for the British Computer Society, Information Systems Examinations Board (ISEB) Test Certification.

### Key Skills and Knowledge

#### Skills

- Project Management
- Systems Analysis and Design
- Quality Assurance management
- Configuration Management
- Validation, Verification and Testing Methodology
- Mercury Interactive Test Director
- Compuware QA Run and Track Record
- SQL, Unix
- ICL VME COBOL
- SCL, ALTADATA

#### Role Summary

- Test Manager (1 year)
- Senior Systems Analyst/Test Coordinator (3.5 Years)
- Software Engineer (2 years)

#### Industry Knowledge

- Investment Banking (1 year)
- Retail Banking (5.5 years)

### Professional Experience

#### Strategic Systems Solutions

##### May 2003 – Present: Test Manager

Skills: Project Management, Quality Assurance, Testing, Test Director

Hands on Test Manager for an intranet based system that performs straight through processing of trades on a J2EE platform for a global Investment Bank. The product supports 800,000 trades per day for London, New York, Tokyo, Hong Kong and Australia. There are over 1,100 global users and over 100 up and down stream interfacing systems. A Test Manager specializing in testing both Controlling and Operations functions, specifically through US Trade Settlement Accounting (Positions and Balances) and Regulatory reporting.

- Manage testing projects in conjunction with Program Project Management goals and budgets.
- Consult the client on implementation of new procedures to improve the quality of the Systems Integration testing.
- Produce test strategy and test plans.
- Act in an advisory capacity to development teams during Unit and Component testing phases.
- Co-ordinate quality assurance, testing, development and user groups to complete Systems Integration and User Acceptance testing within time and on budget.
- Co-ordinate Test Engineers to fully utilise bespoke and vendor supplied test automation tools.
- Review Project documentation as part of a Quality Assurance process.
- Develop test cases based on Functional Specifications.
- Create test data.
- Schedule the execution of manual and automated test cases with Mercury Interactive Test Director.
- Utilise Mercury Interactive Test Director to provide daily, weekly and monthly project metrics for client senior management.
- Test environment management and scheduling of code deployments.
- Manage the defect detection, resolution, deployment and re-test through bespoke defect tracking tools.



- Manage test case library using Mercury Interactive Test Director.
- Certified in the use of the clients bespoke automation tool, dB Test.
- Develop processes and work flow to utilise offshore test resource.
- Worked with the client to implement internal processes resulting in Strategic Systems Solutions becoming one of two favoured Testing resource providers.

### **Northern Rock Plc**

#### **August 1997 – May 2003: Senior Systems Analyst/Test Coordinator/Software Engineer**

Skills: Project Management, Quality Assurance, Testing, QA Run, ICL VME COBOL, IDMSX, SCL

Senior System Analyst for the development of a Java Script/HTML Offshore Banking website on a Windows NT platform with an ISDN interface to an ICL mainframe.

- Ensured V Model QA process was followed by development and testing functions.
- Gathered business requirements and developed Business Requirements document.
- Managed Systems Integration and User Acceptance phases including the completion of a test strategy, test plans, test cases, test case execution, change management and defect tracking.
- Managed external resource to complete performance (load and stress) and security testing.
- Co-ordinated a pre-customer production pilot.
- Provided post-production support.

Senior Systems Analyst for test automation project on a Java Applet online Unsecured Lending Application. Compuware QA Run was used to develop existing manual test scripts resulting in a reduction of the test cycle from nine days to one hour.

- Implementation of Automated Testing Strategy for the bank, procedures and workflow.
- Automated test script development, scheduling, and execution using Compuware QA Run.
- Defect tracking using Compuware Track Record.
- Test case repository management.

Senior Systems Analyst for the development of an Online Savings application on a Java Applet Website interfacing with an ICL mainframe.

- Ensured successful implementation of Quality Assurance process based on the V Model.
- Gathered business requirements and developed Business Requirements document.
- Managed Systems Integration and User Acceptance phases including the completion of a test strategy, test plans, test cases, test case execution, change management and defect tracking.
- Co-ordinated a pre-customer production Pilot and provided post production support.

Software Engineer/Senior Systems Analyst ensuring Northern Rock, its vendors and subsidiaries were Year 2000 compliant.

- Automated code analysis utilising Microfocus Revolve and Workbench applications.
- COBOL, SCL IDMSX and TPMS development.
- Test planning, test case development and execution, and Test environment management.
- Performed an advisory role to Business users on User Acceptance testing.
- Defect management.
- Interface testing with external suppliers – Visa, Equifax, Experian

Software Engineer within the Savings Function of a UK based Retail bank. VME COBOL, SCL, IDMSX and TPMS were used in the development of a number of projects involving both batch and online processing. Completed requirements gathering, systems design, and unit testing.

### **Education**

Bachelor of Arts (Honours) in Ancient History and Archaeology, University of Liverpool, England



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## *Conclusion*

At Strategic Systems Solutions, you will find experienced, dependable, and motivated technology professionals that will help you meet and exceed your project's goals. We are different from other consulting companies in that we provide seasoned professionals who can immediately add value to a client engagement. Our professionals support a diverse range of technologies and span the entire spectrum of system development lifecycle roles for a variety of clients. Let us do the same for you.

If you would like to receive additional information about Strategic Systems Solutions or set-up an individual meeting, please contact one of our regional offices and ask for a Business Development executive. The contact information for our regional head offices is listed below.

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