
Profile

IT professional with 11 years industry experience attributed with a resourceful, independent, self-learning style. Motivated by new technology and a desire to deliver valued solutions.

Involved at all levels of business analysis, design, documentation, implementation, source control, testing, integration, delivery and support of high-availability projects. Utilizing a wide range of business-critical skills including requirements gathering (Rose & UML), change control, support and multi-discipline troubleshooting.

Technical Skill Summary

Java:	Advanced and Expert in J2SDK, J2EE, Hibernate, JSP, Servlets, EJB, ANT.	6 Years
C++:	Last used in June 2000: Visual C++ 6.0, Active X, COM and ATL, expert at the time.	4 Years
Open Source:	Integration and customization of PHP, Joomla, Coppermine and MySQL platform for web.	6-12 Months
Database:	Oracle 8i & 9i PL/SQL development; Recent experience with MySQL; Past development T-SQL.	9 Years
Web Servers:	Strong knowledge of Apache, Tomcat, Jetty. Advanced knowledge of WebLogic 6.x	4 Years
OS:	Expert in Windows NT development. Advanced in Unix (Solaris, AIX, Linux) system usage.	11 Years
Scripting:	Advanced in IE and NS JavaScript, HTML and CSS, Confident with Perl and Shell Scripting.	5 Years
XML:	Strong understanding of XML and DTDs. Novice use of XSLT.	4 Years
Protocols:	Expert in TCP/IP, SSL, HTTP, Firewalls, Proxies and LDAP.	7-11 Years
Security:	Strong understanding of Public Key Cryptography, SSL and HTTP security issues.	4 Years

Career History

July 2005 – Present **Emigration and Website Development** **Self Employed
Austin TX, USA**

The last three months have been dedicated to developing a bespoke Professional Photography website based on Linux, Apache, MySQL and PHP (LAMP) technologies. Leveraging the Joomla open source CMS and Coppermine for the gross application functionality.

Mar 2003 – June 2005 **Senior Java Developer & Architect** **Barclays Capital
London, UK**

My role of senior developer for Corporate System at Barclays Capital's head office required the flexibility of being the go-to-guy for all Java, Unix and Oracle developments. In addition to my technical role I shadowed my manager and provided coverage and support with day-to-day tasks.

- Designed and developed a RAD IT asset reconciliation system. Launched within two months of receiving requirements and resulted in the identification of 500 idle data centre servers. My role included regular meetings with the project sponsor and IT functional heads that drove the people side of the process.
- Designed and developed an IT asset impact analysis module that interrogated a Remedy AR System database. It identified potentially impacted applications using a minimum spanning tree algorithm that generated sub second analysis reports.
- Performed technical interviews for a number of London and Singapore based developers.
- "Parachuted" into a number of high profile projects to assist in TCP/IP, Internetworking and Distributed Systems troubleshooting. In each instance my years of network and software architecture experience turned these critical problems around.

Technologies:

- Java, Oracle, JSP, Struts, Hibernate, Tomcat, Apache, Jetty (servlet container).
- TCP/IP and WAN Internetworking knowledge.
- Solaris and Windows NT / 2000 / XP.

Jan 2002 – Mar 2003 Java Architect / Associate

**Deutsche Bank
London, UK**

Responsible for gathering requirements and architecting the “Deutsche Bank HR Performance Management” (B2E) system with the business’s HR consultant and then technically leading the team through an n-tier J2EE (BEA Weblogic 6.0) implementation.

During the maintenance and support phase my responsibilities covered setting standards for code reviews, knowledge transfer, rollouts to new platforms, capacity planning (aiding manager budget projections), streamlining team processes and troubleshooting production outages.

Strong and detailed technical knowledge of communications and code optimization techniques allowed me to improve a mature code base, leading to a 33% reduction in annual running costs.

Throughout this full lifecycle project (started while at Bond in Jan 2001) a combination of business and technical proficiency in many areas were required.

Technologies:

- UML requirements gathering and constructed high level design for team.
- Apache and Twin Weblogic Server 6.0 deployment with round robin load balancing.
- Oracle 8.1.6.3 database using stored procedures, CLOBs and global temporary tables.
- EJB development – Stateful, Stateless and Bean Managed Persistent Entity Beans.
- Javascript (NS & IE), DHTML, XML, 128bit and 56bit SSL.
- AIX and Solaris rollouts.

June 2000 – Dec 2001 Senior Consultant

**Bond Technologies
London, UK**

Each client engagement demanded a highly professional conduct while representing the consultancy and the client’s project team to the business stakeholders.

Client Projects:

- Deutsche Bank HR Performance Management System serving 90,000 employees.
- Fox Kids European websites with two million users in 14 countries. <http://foxkids.co.uk>
- Troubleshooting networking issues on the NME website. <http://nme.com>
- Condé Nast Publications handling ZENworks NT rollout and Oracle Forms porting.

Bond Activities:

- Organizing and running Java training classes for Bond consultants.
- Researching and presenting papers on different object modeling approaches that are closely tied with 'Rational Unified Process' and 'ICONIX Unified Modeling'.
- Following market trends and giving feedback to the industry sales desks.

Technologies:

- Overlapping use of technologies with the Deutsche Bank project (see above).
- Vignette 5.0.5 and TCL to create the Fox Kids European websites.
- WML, HTTP and DNS skills were used regularly to diagnose ISP related problems.
- IE and Netscape compatible DHTML and Javascript.

Responsible for a number of complex, 'one-man' based developments and a critical team member in larger projects. This multi-role experience facilitated a clear understanding of the technologies and the life cycle required to achieve quality software delivery.

- Architected and developed 90% of the Viewpoint multimedia system. Comprised of bespoke hardware controlled by a European satellite delivery network.
- Real-time Market Data System development using Reuters and BT's OTS. The related products are in active use in organizations such as Garban and Barclays Capital.
- Training and support of in-house and client development staff.
- Selection, migration and overall management of company ISP, including installation and maintenance of two Firewall products, Guardian and Raptor.

Technologies:

- Advanced multithreaded development using NT, C++ and T-SQL.
- Significant enhancement of Microsoft's ATL COM apartment model for 24x7 reliability.
- Configured and managed Alphameric's estate of Cisco backbone routers.

Aug 1994 – May 1996 Software Engineer

Marconi Communications (GPT)

Responsibilities included analysis of new 'System X' telephone exchange requirements in the context of auditing software used for OfTel regulatory compliance. This led to full lifecycle development with ISO9001/BS5750 procedures governing the formal review and documentation process.

July 1993 – Sep 1993 Undergraduate Summer Placement

Cap Gemini Ernst & Young

Education and Training

2001-2002	Queuing Theory (2 Months) Successfully applied to a 90,000 user worldwide application.	Self Trained, Deutsche Bank
1995-1996	Digital Telecommunications & Networking (6 Months)	Open University, UK
1995	Schlear Mellor OOA Course (2 Weeks)	Marconi Communications
1995	System X Course (2 Weeks)	British Telecom / Marconi
1991-1994	BSc (Hons) Computer Science - 2ii Final year project was an object-oriented digital logic simulator. Written in C++ for MS Windows 3.1 and Win32s.	Queen Mary & Westfield College London University, UK
1990-1991	BTEC Computer and Systems Technician - Distinction Notably I was the only student at that college to have completed the two-year vocational course in just one year.	Richmond College, London UK
1985-1990	8 GCSEs - Grade A in Maths, Computing & Technology	Teddington School, London UK

Personal

Nationality / Visas: British Citizen (Current Passport /w EU Citizenship)
USA Permanent Resident (Green Card)