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SUMMARY

◆ A senior technologist with over twenty years of experience in software development, management, quality assurance, testing, architecture and implementation.

◆ A highly skilled software developer with a track record of knowing what to do, and how, when and where to do it and a demonstrated history of building quality software on time and under budget.

◆ A decisive manager with articulate written and verbal communication skills.

◆ An expert in the design, development and deployment of information systems, client/server applications, Internet/intranet applications, automated testing, enterprise management software, user-oriented database access and interface tools and business applications utilizing object-oriented methodologies, relational data base management systems and graphical user interfaces.

TECHNOLOGIES

◆ Operating Systems – Linux (Red Hat, CentOS, Ubuntu, other "flavors"), Unix (AIX, HPux, Solaris, SunOS, other "flavors"), Microsoft Windows (XP, Vista, 2000), Macintosh, IBM VM/MVS/Enterprise

◆ Languages – C, C++, Python, Java, Objective-C, C#, Javascript, PHP, Ruby, Smalltalk. Fortran, PL/I

◆ Databases – Oracle, MySQL, PostgreSQL, DB2, Teradata/DBC, Ingres, Informix, Microsoft SQL Server, Sybase, Coral8, Streambase, SQLite, Red Brick Warehouse

◆ Other Software – XML, XSLT, HTML, XHTML, Ajax, Django, Docbook, Apache, Microsoft Office Suite, QATrac, Test Director, Selenium, Segue Silk Test, Jira, Bugzilla

RECENT POSITIONS

BBH Media, Inc. (Current Employer)
Director of Technology Services

BBH Media is a Raleigh, North Carolina, company which focuses on specialized website implementation and support for a number of advertising clients. Reporting to the Executive Vice President of Operations, I am responsible for engineering, quality assurance and systems operations. Our sites are co-located in the United States and Europe and use a variety of technologies, including PHP, Java, Ajax, MySQL and SQL Server. Since joining the company, I have led our migration to a rapid development methodology, including daily scrums, six-week development/release cycles and increased emphasis on automated testing and deployment.

Coral8, Inc. (2005 – 2007)
Director, Software Testing, Support and Technical Publications

Coral8, Inc. is a Mountain View-based start-up that develops a complex events processing, analysis and query engine capable of monitoring and analyzing streams of incoming messages at volumes as high as one million rows per second. Reporting to the President, I was responsible for a team of six engineers who dealt with all aspects of testing, documenting and supporting the product. When I started at Coral8, we were in stealth mode. I led my team through four pre-release development/testing cycles resulting in the November 2005 release of a high-quality product currently under evaluation or use by such companies and partners as IBM, Wombat, Citibank, Cisco, BEA Software and NetIQ. After the initial release, we had one more major release and four minor releases prior to my leaving the company. As a member of the senior management team, I participated actively in requirements specification and design of new product features. Individually, I implemented and deployed a sophisticated Python-based automated testing framework for use by the Test Engineering team. I also led the conversion of all Coral8 documentation from Microsoft Word and Adobe Framemaker to the open source standard, DocBook.

Wal-Mart, Inc. (2001 – 2005)

Walmart.com, the fastest growing major retail e-commerce site in the country, is a wholly owned subsidiary of the world's largest corporation, Wal-Mart. During my four years at Walmart.com, we grew from $80 million in on-line sales in 2001 to almost $1 billion in 2005. While at Walmart.com, I held three key management positions.

Director, Software Testing (1 year)

Reporting to the Vice President of Engineering, I was responsible for a team of black-box, white-box and regression engineers who tested each major Walmart.com website release (occurring every eight weeks), including both front-end (Linux/Apache/JSP-based, data-driven website) and back-end (Solaris/Oracle-based Catalog, Order Management, Fulfillment and Payment Processing) systems. The team was also responsible for testing patches, emergency fixes, site refreshes and interim distributions. The team consisted of three Test Managers and twenty indirect reports (Test Analysts and Test Engineers), plus four Test Engineers directly reporting to me who were responsible for building and maintaining our test automation framework software. After assuming leadership of the team in 2003, testing productivity improved more than 40%, with the resulting product quality reducing the level of emergency bug fixes by approximately one-half.

Manager, Test Engineering (1 year)

I moved from direct development management (where I had spent most of my career) to Software Testing in order to bring new engineering leadership to the group responsible for building our automation test and metrics frameworks. In less than one year, we successfully created a framework for automated back-end regression testing (BERT) written in a combination of Java, Python, XML and MySQL. This system executed automated regression tests and connected to our front-end automated test tools (Seque's SilkTest and Mercury Interactive's WinRunner) and our test repository (Mercury Interactive's Test Director). We built an intranet website to capture and report all test metrics automatically. Prior to this, we manually collected all of our testing metrics. This system dramatically reduced the overhead of delivering up-to-date test information to the Development/Project Management teams.

Manager, OMS Database Systems Development (2 years)

Prior to assuming responsibility for the Software Testing department, I spent two years managing a nine-person engineering team which designed, developed and maintained Walmart.com's Order Management system in Oracle, principally using PL/SQL stored procedures and other advanced relational database features (object oriented schemas, triggers, etc.) During my tenure, the team completed over 40 major projects, with 100% on-time performance, adding or modifying over 750 stored procedures involving more than 20,000 lines of PL/SQL code, with an average error rate of less than one reported bug per procedure.

Mediware Information Systems, Inc. (1998-2001)
Manager of Engineering, Operating Room Division

Mediware Information Systems, Inc. is a small medical software company (about $35,000,000 in sales) that builds and sells products for the management of pharmaceutical and surgical administration to hospitals throughout the world. Reporting to the General Manager of the Operating Room division, I was responsible for managing all aspects of the design, development and deployment of a new Windows-based surgical suite case charting and scheduling system, PCMWin. I was also individually responsible for development of several major components of the product and I was responsible for implementation of HIPAA compliance. PCMWin released in October 1999, and installed at more than a dozen hospitals throughout the country. We started an Internet deployment of this application using Microsoft web tools. In addition to new product development, I had ongoing management responsibility for the maintenance team assigned to our Unix-based legacy product, Surgiware. My group consisted of 5 full-time software developers, 1 contract developer and 2 test engineers.

Intuit, Inc. (1996-1998)
Manager, Application Technologies

Reporting to the Director of Applications Services in the Information Systems Technologies Division, my team was responsible for Oracle database design and application support, Internet/intranet application design and deployment and support of other off-the-shelf application technologies including Peoplesoft and Scopus. We deployed a web-based human resources on-line enrollment application using Oracle Web Server, and implemented Scopus WebTeam for interactive technical support. We also supported access to our Customer database for use by our initial deployment of our corporate internet sites, www.intuit.com and www.quicken.com.

Blue Rose Systems (1994-1996)
Vice President, Consulting

As principal consultant and co-founder of Blue Rose Systems, a software development and consulting start-up focused on emerging object-oriented and client/server technologies, I managed the design and implementation of a major enterprise-wide information system for the Los Angeles County Sheriff's Department as a subcontractor to TRW Information Systems, under NeXTSTEP using Oracle. Primary responsibilities included project and team management, object-oriented design, database design and implementation, quality assurance, Objective-C programming, Oracle schema creation, query creation and performance tuning, database administration and user support.

Red Brick Systems (1992-1994)
Manager of Core Technology

I led a group of seven developers and three test engineers building the Red Brick Warehouse relational query server for Sun, Sequent, AIX and HP/UX (IBM now owns Red Brick Systems). I assumed management of Release 2.0 in early 1992 and extended the functionality of the release to include schema and SQL functionality enhancements, performance improvements and new user reporting features. The initial alpha version released for testing on schedule in January 1993. I worked with the consulting and support staff to develop optimized relational schemas for customer applications and I managed benchmarking of system performance against competitive database systems, including Oracle, Sybase SQL Server and DB2. I also supported third-party tool vendor technical relationships.

ADDITIONAL POSITIONS

- **Locus Computing Corporation (1990-1992)**
  Manager of Software Development
- **Teradata Corporation (1987-1990)**
  Group Manager, Coordinated Product Development
- **Sterling Software Corporation, Dylakor Division (1986-1987)**
  Senior Software Engineer, Database Interface Development
- **Candle Corporation (1985-1986)**
  Senior Software Engineer, Research Division

OTHER ACTIVITIES

- Speaker, 2003 Silicon Valley Indian Professionals Conference
  "eTailing - Delivering the Promise of the Internet"
- Panel Chairperson, 1992 Global Interop Conference
  "Internetworking Data Base Technologies"
- Session chairperson and principal speaker for numerous data base user groups
  Red Brick Systems, Teradata, Sterling Software, Database Connections and *Mathematica.*
- Designated alternate representative to the SQL Access Group and ANSI SQL Committee
  Teradata and *Locus Computing*

EDUCATION

- University of Arizona (Computer Science/Mathematics Major)
- New York University (Computer Science Major)
- University of San Fernando Valley College of Law (Juris Doctoral Candidate)