

Robert Stave

Phone: 214-392-1622
Email: robstave@yahoo.com
LinkedIn: <http://www.linkedin.com/in/robstave>

4336 Driftwood Dr
Plano, Texas 75074

Professional Summary

Software engineer with in depth experience in GUI (Graphical User Interface) and call processing design, development and testing across several wireless standards and hardware platforms.

- 8 years experience in developing Java based OAMP and GUI solutions for NMS (Network Management Systems). SCJP 1.5 Certified.
- Highly productive senior software engineer with a well received history of high quality projects delivered on time.
- Excellent communication skills demonstrated through technical documents delivered as design documentation and training materials used in mentoring.
- Strengths include quick grasp of new technologies, drive to pursue matters in great detail and ability to work well in a team environment.
- Innovative designer having submitted multiple invention disclosures for patent review.

Technical Skills

Languages: JAVA, XML, HTML, SQL, PROTEL I/II, C/C++

Frameworks: J2EE, CORBA, SNMP, IS-41, WIN

APIs: Swing, Javadoc, Sockets, RMI, Encryption, JDBC, JDOM, SAX, JUnit, UISpec4J

Concepts: Real-Time Applications, GUI Development, Client/Server Applications, OOAD (Object Oriented Analysis and Design), UML, NMS, EMS (Element Management System)

IDE/tools: Eclipse, JBOSS, Clearcase, Solid database, LDAP, MS Office, JProbe

Systems: Windows, UNIX, LINUX, SOS

Professional Experience

Nortel Networks, Richardson, Texas 1995-2008

A communications equipment manufacturing company which delivers a full line of turnkey solutions for telecom and data networks.

Common Provisioning System (CPS) – Senior Software Engineer (2006-2008)

Led a team of 5 designers across multiple sites in developing a Java/XML based OAM tool used to support Nortel wireless technologies such as PDSN, GGSN, UMTS and WiMAX.

- Team lead developing CPS operation and wizard plugins in Java and XML based on specifications from Product Line Management for the MPE (Multi Server Provider EDGE), a next generation GGSN (Gateway GPRS Support Node).
- Developed training slides and taught intensive two week course for transition of project to Nortel Beijing labs.
- Recognized by senior architect with Silver Appreciation Award for exceptional commitment to the satisfaction of customer requirements, within strong constraints of time and budget.

Service Creation System (SCS) – Senior Software Engineer (2001-2006)

Designed and implemented features to provision new IP services on the SCS, a multi-tier Network Management System (NMS)

- Implemented features on both the server and client side of the SCS utilizing JAVA, Swing, LDAP, Solid SQL, CORBA and SNMP.
- Analyzed all incoming service requests and coordinated with test team and design teams to resolve issues in a timely manner.
- Design prime for rebase of SCS software between patch and design streams using Clearcase.

E-Mobility – Senior Software Engineer (2000-2001)

Team lead for Operational Measurements (OM) on e-Mobility. A Java based platform intended to replace the DMS based HLR/MS/VLR.

- Designed software to obtain logs and OMs via SNMP and store data in replicated Oracle database.
- Implemented a thread sharing class in java that reduced the number of threads on the platform increasing overall server capacity.

Product Services Architecture (PSA) – Senior Software Engineer (1998-2000)

Software architect for call processing software in the PSA project. A re-architecture of DMS-MTX call processing to facilitate rapid feature development in an event driven environment.

- Redesigned call processing from the bottom up using OO methodologies and PROTEL II.
- Recovered 2.5% CPU capacity on MTX09 CDMA release.
- Directly reported to senior architect as a “trailblazer” researching and prototyping wireless services to be used in high level designs of the e-Mobility Service Architecture.
- Key Reviewer for several features and recognized as instrumental to the success of PSA.

MTX DMS– Software Engineer (1995-1997)

Designed and implemented IS-41 and OAMP features for the DMS-MTX in PROTEL.

- Key Designer for MTX IS41 Authentication call processing features involving call origination and termination.
- Lead improvement of internal training resources and taught designer focused courses in IS-41 networking and MTX-DMS call processing.

Education

MS Electrical Engineering University of California, Los Angeles 1995

BS Electrical Engineering University of California, San Diego 1994
Magna Cum Laude, Phi Beta Kappa

Publications

- Stave, R. De Yu Kao Lin, T.Y. (1994) On choosing the right error models for circuit testing. ASIC Conference and Exhibit, 1994. Seventh Annual IEEE International. Publication Date: 19-23 Sep 1994 page(s): 400-402 ISBN: 0-7803-2020-4

Awards

Nortel Pride Award 1999, 2000
Award of Merit for Innovation 1997
Silver Appreciation Award 2008

Certifications

Sun Certified Programmer (SCJP) for Java 2 Platform 1.5