

ROBERT SMITH

Sr. Principal Software Engineer

Phone: (0123)-456-789 | Email: info@qwikresume.com | Website: Qwikresume.com

SUMMARY

Over 15 years of experience in Software Development and Consulting. Extensive experience in Data Warehousing, Data marts and ETL, including data modeling and data mapping. Experience with Integration technologies using Oracle Fusion Middleware, Web Services, SOA and Adapters. Extensive software development experience in Java and SQL Experience in collection, analyses, and documentation of User Requirements, as well as organizing interviews, User meetings, training, JAD sessions, and POCs.

CORE COMPETENCIES

C, C++, Java, Scala, C#, Objective-C, Javascript, Perl, Python, MySQL, SQLite, Tomcat, Android, Git, SVN, AWS, JIRA, Bugzilla, Ajax.

PROFESSIONAL EXPERIENCE

Sr. Principal Software Engineer

ABC Corporation - 1994 – 2005

Key Deliverables:

- Responsible for creating high visibility mission critical software and systems to support a 24 by 7 wafer manufacturing facility.
- Developed and implemented a system to provide SAP product costing information from the legacy manufacturing execution system Developed and implemented a system to ensure operator compliance with process specifications.
- Created relational database to store information along with database maintenance utilities.
- Developed and implemented system to track and centralize factory communications, user generated reports and production and maintenance equipment passdowns.
- Developed and implemented custom dispatch and work in process transactions for the legacy manufacturing execution system allowing wafer fabrication plant to work in a "paper-less" fashion.
- Developed and implemented system for tracking non-conforming wafer and package lots.
- Developed and implemented system for converting entity event history into entity time in status data for use in the RS/1 data analysis tool and MicroSoft Excel.

Principal Software Engineer

Teleflex, Inc - 1990 – 1994

Key Deliverables:

- The Vascular division at Teleflex, we create the future of vascular navigation.
- VPS G4 (vascular navigation and positioning system) is a vascular catheter positioning system that hits the target with accuracy, consistency, and ease of use.
- The system replaces the chest X-ray confirmations reducing patient exposure to harmful radiation and medication delays.

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- As the principal software engineer, I am in charge of software architecture/components design, implementation, testing, maintenance, high profile customer support, and regulatory compliance.
- We create innovative medical device products and our products save peoples lives every day.
- It is a very rewarding experience to visit our partner hospitals working with clinicians and meeting patients in live procedures.
- Implemented software application architecture, hardware communication architecture, GUI design, and application components design for vascular navigation and position confirmation medical device product that uses ECG and Doppler (blood flow direction).

EDUCATION

- Bachelor of Science in Computer Science - (University of Colorado - Colorado Springs, CO)