

ROBERT SMITH

Associate Senior Software Development Engineer

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SUMMARY

Software development and test engineer with over 18 years of experience in embedded software design, implementation, test automation, debug, documentation and maintenance. Also experienced in managing outsourcing of verification tests to external groups. Key strengths include: Debuggers/Test: Microtek x86 In-circuit emulators, Visual Studio, WTT Mobile, IntelliJ IDEA, TestNG Design: Agile, Object-oriented methodologies (UML), waterfall, DO-178B Languages: C/C#/C++, LINQ, .

CORE COMPETENCIES

Management, Organizing.

PROFESSIONAL EXPERIENCE

Associate Senior Software Development Engineer

ABC Corporation - 2001 – 2008

Key Deliverables:

- Developed real-time embedded software in C/C++ for aeronautical navigation radios (ILS/VOR) in accordance with government standards on software design for airborne systems (DO-178B, levels A-D).
- Authored software requirements based on existing system requirements using Telelogic DOORS, resulting in complete code and requirements traceability.
- Reviewed code, tests, requirements, MC/DC code coverage results, and traceability in accordance with DO-178B processes.
- Authored DO-178B QA documents (Software Accomplishment Summary, Version Description Document).
- Provided technical support and guidance to the software verification team (internal and offshore).
- Participated in a complete avionics project lifecycle spanning five years.
- Possessed a deep understanding of SQA methodologies and practices.

Senior Software Development Engineer

Delta Corporation - 2001 – 2005

Key Deliverables:

- Senior Software Development Engineer and primary DB2 database administrator for National Student Loan Data Systems (NSLDS) project consisting of Federal Student Aid (FSA) and Student Aid (SA) Registration applications at the Department of Education (ED), Washington D.C.
- Include DB2 database administration on z/OS and LUW environments involving performance monitoring, application tuning and system tuning Implemented online REORGs using BMCs Extended Buffer Manager (XBM) For near 24x7 system availability implemented online image copy using XBM, Magstar tape

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drives and BMC COPYPLUS utility Data modeling and administration using ERWIN Security administration for over 2000 FSA and ED users consisting of Lenders, Guarantee Agencies, Schools, Students and Federal employees Part of the design, development and testing teams to convert online ASP applications to JSP using JASP.

- Production source web Platform was IIS on Windows and the target platform was WAS server on HP Unix.
- Tomcat, Eclipse, JDK, JSP, Allfusion, WAS were used on this project.
- As a lead member of the NSLDS Capacity Planning and Review committee, provided key decision points addressing NSLDSs Storage, Tape Management Systems, CPU, Operating systems and scalability requirements.
- This is Dummy Description data, Replace with job description relevant to your current role.
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EDUCATION

Bachelor of Science in Mathematics/Computer Science - (University of Washington - Seattle, WA)

