Senior Embedded Software Engineer

ROBERT SMITH

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Objective

OBJECTIVES Looking for a position offering dedication and challenge as a Software Test Engineering/System Integration/Software Quality Tester in Georgia/Florida and for full time only. PROFESSIONAL SUMMARY 15+ years of diversified experience as a Senior Test Engineer (Automation /Manual) testing Agile/Waterfall full system development life cycle (SDLC) including designing, developing and Implementing test cases and test execution.

Skills

Software: HP Quality Center, QTP, Visual Interdev,.

Work Experience

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ABC Corporation - September 2000 – November 2011

- Lead the Testing group by using testing methodologies to finish and deliver the software to the customer for three programs (MLRS/LOSAT/CKEM).
- Assisted in developing test plan, maintaining requirements traceability matrix, compiling test summary data and providing work estimation for test preparation and execution by using in house testing tool called Mirage(MLRS group) and Sharmin and Spectra (Losat and Ckem software automated Test Tool).
- Performed load/stress testing, interface testing, security testing, data migration testing, and systems integration testing.
- Demonstrated the experience and ability to serve as the key coordinator among multiple project teams and/or components to ensure enterprise-wide consistency of application development efforts.
- Developed and executed manual and automated QA test scripts using documented requirements and/or design specifications and record results.
- Developed in-house department Tools using C/C++.
- Performed hardware and software integration, writing embedded software and designing electronics for automotive and trailer brake controllers using .

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Delta Corporation - 1995 – 2000

- Worked on R&D projects both designing hardware and firmware and I set up and maintained the engineering departments Linux server which was used for .
- Develop Software for Embedded Linux System in C and C++ for Fuel Delivery Payment Systems using GCC tools.
- System includes communication over 2-wire serial RS-485 and RS-232 communication between hardware modules.
- Ported VxWorks 5.4 SP103D Factory Test Software (FTS) to VxWorks 6.8.3 and added new functionality for FTS upgrade to SP103D Rev2.
- Currently in Integration phase.
- Work other tasks maintaining/upgrading Test Equipment software.

- Designing and running JSF LM-STAR Automated Test Equipment(ATE), Test Program Set, Factory Test Software Validation to Software Requirement Spec.

Education

Bachelor of Science in Computer Science & Engineering - June 1995(Florida Atlantic University - Boca Raton, FL)