

QUALITY ANALYST SR. / SOFTWARE QUALITY ENGINEER

Summary

Highly skilled software development professional with many years of industry experience in Software Development, Test and Quality Assurance, including metrics reporting for Lockheed Martin Space Systems, Wind River Systems and Lam Research Corporation. Duties included development, technical support, system integration, database query systems, software test, factory automation, test automation, Run Time Operating Systems (RTOS), communications testing and a range of software products and services. 6 years' experience as technical/group lead and supervisor.

Highlights

- Software Development Lifecycle (SDLC) expert
- Program testing software
- Code and Peer Reviews
- Office Software (Word, Excel, PowerPoint)
- SEI CMMI and SAE AS9100 Standards
- Software development process evaluations
- Code Management: Clear Case
- Change Control: Clear Quest
- Languages: C, C++, C#, JAVA, Fortran
- Python, Visual Basic, VBA, JavaScript, Perl, and Expect
- HTML, XML and CSS
- Test Automation Tools: Test Runner, Win Runner, Load Runner, Test Director, and Segue.
- Windows, Linux, Solaris UNIX, HP UNIX, NeXT UNIX, VAX/VMS
- RTOS: pSOS and VxWorks
- Databases: Oracle, Sybase; SQL and PL/SQL
- SECRET Clearance Eligible

Experience

Quality Analyst Sr. / Software Quality Engineer 10/2005 to 09/2013 Agilent Technologies, Inc. Sacramento , CA

- Stamp Controller for the Bay Area campuses, including providing training, stamp issuance and stamp maintenance.
- Material Review Board (MRB) Certification Authority, including providing training and recertification coordination.
- Performed Software Quality Engineering duties; including evaluating CMM and CMMI processes for the various software groups, witnessing test activity and software builds, peer reviews and interfacing with the government customer.
- Provided Software QA services to a variety of programs as needed when the extra help was required.
- Coordinated the QA Corrective Action Boards, including chart preparation, action items and minutes.
- Produced weekly and monthly Enterprise and THAAD program metrics reports based on the hardware defect tracking system.
- These reports included writing VBA scripts for Excel and PowerPoint to automate the report production.
- Tools used included Clear Case and Clear Quest.

Software Quality Engineer 07/2004 to 10/2005 Portland , OR

- Supported the THAAD program as a Software Quality Engineer.
- This position was converted from contractor to employee.

Sr. Software Test Engineer 01/1999 to 01/2003 Masonite International Corporation Howell , MI

- Developed test plans, test cases, performed tests and wrote test reports for the VxWorks and pSOS RTOS.
- Host systems included Windows NT, 95, 98 and 2000; Solaris 2.51, 2.6, 2.7 and 2.8; and HP UNIX 10.11.
- Target boards included Power PC, X86, MIPS, ARM and 68K.
- Wrote a user configurable test system where the system would automatically allocate the target boards from a pool of boards, run the requested test programs, and produce a report for the user to review when completed.
- Site administrator for Clear Case.

Quality Engineer 01/1995 to 01/1998 Lam Research Corporation City , STATE

- Developed test plans and test cases for the SECS/GEM communication protocol for use in semiconductor manufacturing.
- Developed an automated test platform for testing the SECS/GEM protocol.
- The test platform included a real time wafer etching machine simulator, a host software platform, a Test Runner test automation tool and a SECS/GEM communication tool.
- Group lead to two other engineers.

Education

Current Hospitality Management : Hospitality Management Mission College City , State Hospitality Management I have already completed my ServSafe Manager Certification and classes in Supervision; Restaurant Accounting; Food, Beverage and Labor Cost Control; Menu Planning; Purchasing; Sales and Marketing; Basic Food Preparation and Catering; Bread Making and Facility Design.

Bachelor of Science : Forestry Engineering University of Washington University of Santa Clara, Mission College, De Anza College, and Foothill College City , State Forestry Engineering

Personal Information

ServSafe Manager (Current) Real Estate Broker (now expired) Tax Preparation (now expired)

Skills

Accounting, automate, automation, Automation Tools, Basic, C, C++, CMM, hardware, Controller, Cost Control, CSS, Databases, Engineer, Fortran, government, HTML, JAVA, JavaScript, Languages, Linux, Load Runner, Marketing, C#, Excel, Office, PowerPoint, Windows, 2000, 98, Windows NT, Word, Enterprise, NeXT, Oracle, PL/SQL, Perl, processes, Purchasing, Python, Quality, QA, Quest, real time, RTOS, Sales, SDLC, scripts, Software Development, Solaris 2.51, Solaris, SQL, Supervision, Sybase, Test Director, UNIX, HP UNIX, VAX/VMS, VBA, Visual Basic, VxWorks, Win Runner, X86, XML

Additional Information

- CERTIFICATIONS ServSafe Manager (Current) Real Estate Broker (now expired) Tax Preparation (now expired)