

SENIOR TEST ENGINEER

Career Overview

Result -driven Test Engineer with experience in application integration, verification and validation, requirements, automation, test scenarios, test reports, test procedures, test planning and peer reviews, coordinating test events, regression and stress testing and leading Formal Qualification Test (FQT). Excellent in analysis and complex technical problem solving.

Qualifications

- Strong analytical skills
- Optimizing and performance tuning
- Excellent problem solving skills
- Customer needs assessment
- Testing
- Strong collaborative skills
- Network penetration testing
- Programming and design skills

Accomplishments

Requirements Analysis

- Completed business requirements analysis including the evaluation of systems specifications for client Web site two weeks ahead of deadline.

Client Interface

- Collaborated on client engagement strategy to drive entry into risk-driven project methodology, improving accuracy of project definition, sizing estimates, and yearly resource budget planning.
- Improved client relationships and project predictability through shared business and technical perspectives, agreed project roles, risk assessment, use cases, transparent business-aligned development efforts, and time-boxed delivery.

Work Experience

Senior Test Engineer 10/2013 to 07/2015 Leidos Holdings Inc. Colorado Springs , CO

- Troubleshooted and resolved web application issues escalated from customer support and other departments with a 100% success rate.
- Prepared and presented technical proposals for clients.

Senior Test Engineer 05/2010 to 09/2013 Leidos Holdings Inc. Tewksbury , MA

- Lead and coordinated system test activities.
- Performed evaluation of the defects reports and provided optimal resolution to minimize the errors and maximize the application quality.
- Analyzed software and hardware testing of the system requirements to identify any deficiency connecting to external interfaces Coordinated with systems partners to finalize designs and confirm requirements.
- Conducted Requirement and Test review meetings for new features.
- Performed and coordinated off hour testing to meet project deadlines.
- Work closely with business unit and development teams to gather business and technical requirements and transform them into test scenarios.
- Trained junior test engineers and perform knowledge transfer non-technical groups.
- Organize and participate in Test planning, development of system test procedures and scripts.
- Test new code using protocol analyzer; perform load testing, conformance testing and functional testing to verify and validate performance.
- Attended daily scrum meeting to provide update on product testing and any issues encountered.

Assisted in the monitoring and reporting on website traffic and performance.Prepared and presented technical proposals for clients.

Senior Systems Test Engineer 04/2009 to 04/2010 Viasat Inc. Southern Pines , NC

- Lead and coordinated testing activities for the Navy Joint Tactical Radio Systems (JTRS) Soldier Radio Waveform Network Management (SRWNM) project at ITT in Clifton, New Jersey.
- Conducted requirement and functional testing events and reported major issues to the program manager.
- Review test cases and test results with development and project management teams, identify and communicate risk items.
- Work closely with development team to better understand new features, report any software bugs and test possible solutions provided.
- Reviewed and advised the contractor for interoperability requirements and developed effective test verification approaches emphasizing risk reduction verifications through the use of program resources with test simulators, test drivers and analysis.
- Extensive regression, stress and requirement testing to eliminate system/software failures.
- Lead and completed Formal Qualification Test (FQT) ahead of schedule.
- Recommended architectural improvements, design solutions and integration solutions.

Senior Operations Research Analyst 07/2008 to 03/2009 Linquest Corporation Fort Belvoir , VA

- Performed comprehensive architecture analysis for submitted JCIDS Information Support Plan (ISP) Milestone B & C documents.

- Served as an agent of the CIO/G-6 to conduct analysis and complete configuration management best practices using an MS Access based tool.
- Recommended architectural improvements, design solutions and integration solutions.

Senior Test/Integration Engineer 03/2006 to 07/2008 Leidos Holdings Inc. Ashburn , VA

- Conducted an analysis of the system requirements and software requirements for testability.
- Performed Integration, Validation and Verification (IV&V) to evaluate fixes of Maneuver Control System (MCS) application at Software Engineering Center (SEC) in Fort Monmouth, NJ.
- Performed extensive regression and stress testing to eliminate software and system failures.
- Lead and coordinated test events on a weekly basis with Government customers demonstrating successes of interoperability testing.

Senior Test Engineer 09/2003 to 02/2006 Viasat Inc. Syracuse , NY

- Conducted IV&V testing on Ballistic Missile Defense (BMD) Mission Planner (MP) program for AEGIS at Lockheed Martin facility in Morristown, NJ.
- Validated and verified system requirements and conducted testing, integration and functionality test for Littoral Combat Ship (LCS) Command and Control system.
- Supported Aegis F-100 program, such as testing real-time combat system functionality.

Systems Test Engineer 02/2003 to 08/2003 Arista Networks, Inc. Los Angeles , CA

- Performed code inspection and testing of Space Based Infrared System (SBIRS) for memory leaks at Lockheed Martin facility in Valley Forge, Pennsylvania.
- Consistently met deadlines and requirements for all production work orders.

Senior Computer Consultant 06/2001 to 01/2003 Twentieth Century Computer Consultants City , STATE

- Established compatibility with third party software products by developing program for modification and integration.
- Ensured network, system and data availability and integrity through preventative maintenance and upgrades.

Software Test Engineer 12/1994 to 05/2001 Telos City , STATE

- Supported DoD Satellite Communication System (DSCS) project for SATCOM division of Software Engineering Center (SEC) at Fort Monmouth, New Jersey.
- Performed testing events for the system including, software enhancements, software testing and integration, life cycle support and test documentations.

Education and Training

Master of Science : Computer Science 1993 Monmouth University City , State

Computer Science

Bachelor of Science : Computer Science Mathematics 1985 University of Texas at Dallas City , State

Minor in mathematics.

Skills

Application Troubleshooting, Application testing, Integration, Validation and Verification, Software Life Cycle Management, Test Management, Microsoft Office, Applications analysis, Client relationship, Requirement Testing, PEER Reviews, Lead testing events.