QA TEST ENGINEER

Profile

- A competent professional with over 5 years of experience in Software Quality assurance (QA) involving Manual and Automated Software Testing
- Has a Master's of Science Degree in MIS (Management Information Systems)
- Hands on experience in all phases of Software Development Life Cycle (SDLC) involving Agile and Waterfall software development methodologies.
- Extensive Experience in Manual testing and test automation
- Implemented functional test automation using HP UFT testing tool.
- Hands on experience in preparing Test plans, Test cases, test data for manual and Automated test execution.
- Used QC/ALM and Rally test management tools for all stages of software testing process.
- Created and maintained UFT Object repository, regular expression, re-usable actions, data table, checkpoints and recovery scenarios
- Used descriptive programming in UFT using VBScript for selected test cases
- Experience in data driven and keyword driven test in QTP/UFT Integrated Environment.
- Experience in automating web application testing using Selenium WebDriver in TestNG framework.
- Performed functional testing using UFT by using valid/invalid inputs to the application under test.
- Strong experience in UAT, Regression testing, system testing Sanity testing, Database, Load Testing, Stress Testing.
- Experience in testing an Enterprise wide applications with multiple databases like ORACLE, MS SQL, and MS ACCESS.
- Excellent experience in SQL query creation, execution and result verification.
- Developed SQL test scripts for Functional and Regression Testing.
- Created Data Driven testing using parameterization in UFT to test the application with different sets of data.
- Used SOAPUI and groovy scripts for web services Functional testing.
- Experience in developing Test Traceability Matrix and Gap Analysis.
- Capable to work independently in a project, recommend and develop solutions.
- Experience in understanding the requirements and changes in applications and implementing them as per the business needs.
- Experienced in Project Management Activities like estimations, creation of project plan, planning and control, executing time bound projects, task recognition, setting deadlines and milestones, task assignment, task execution, resource management.
- Team player & effective communicator with strong analytical skills
- Experience in gathering requirements and creating Business Requirements Document (BRD) and Functional Requirements Document (FRD), facilitating Joint Application Development (JAD) sessions, Rapid Application Development (RAD) sessions, developing Use Cases, Test Approach and strategies, User Acceptance Testing (UAT), and Requirements Traceability Matrix (RTM).
- Good Exposure to PI Planning
- Experience in testing functionalities of SOA based application using SOAPUI

Core Qualifications

- Outstanding knowledge of industry standard quality assurance procedures
- Excellent grasp of business and functional requirements of software
- Strong ability to implement all established quality assurance methods
- Solid understanding of quality assurance and software development life cycles
- Willing to explore new quality assurance tools and procedures
- Exceptional communications and organizational abilities
- Strong analytical and technical skills

Technical Skills

- QC/ALM, Rally/CA Agile
- HP Loadrunner, UFT/QTP, SOAPUI
- MS SQL Server, MS Access, Oracle
- T-SQL, JAVA, JavaScript, VBScript, Groovy
- Tableau, Excel,MS Word, PowerPoint
- HTML, CSS, XML, WebServices
- Bugzilla, Clear Quest
- Clear Quest, Subversion(SVN)
- Windows XP/NT/98/10/8/7/ and Linux
- Widows Server 2003/2008/2008R2/2012/2012R2

Professional Experience

QA Test Engineer 05/2013 to Current Dish Network Corporation Salisbury , MD

Roles/Responsibilities Â

- As QA Test Engineer, analyzed Functional and Non-Functional Requirements of an application under test (AUT) and performed detailed software test planning at early stage of Software Development Life Cycle (SDLC).
- Actively participated in company-wide PI Planning sessions

- Wrote Functional and Non-Functional Test cases for web application based on use cases and functional requirements of the application under test.
- For Non-Functional test, designed test cases, created test scripts (in HP Loadrunner Vugen) and executed test scenarios (in HP Loadrunner Conroller) and analyzed test results (in Loadrunner Analysis)
- Developed automated test scripts (VBscript) for functional testing in HP QTP/UFT tool
- Extensively used ALM Performance Center, ALM Quality Center and Rally test management tools for all stages of software testing process: from release planning to test execution, defect tracking and reporting.
- Involved in Business Requirements (BR) and Application design documents review and created Traceability Matrix linking the requirements and test cases.
- Created Test data based on the test cases for positive and negative testing.
- Performed functional test on web application using various browsers: Google Chrome Firefox and Internet Explorer.
- Written various SQL queries and performed backend validations
- Created Test data based on the test cases for test parameterization
- Conducted the Smoke testing to check the High level functionality of the application
- Performed different kinds of testing like Performance, Functional, GUI, Integration, Regression and System Testing
- Worked with LoadRunner Scripts, enhanced scripts with C functions, Parameterized test data
- Utilized Loadrunner Analysis module to analyze web application performance matrix to eliminate performance bottlenecks such as very high CPU and Memory usage.
- Participated in daily Agile stand up meetings and walk through various work status updates in particular sprints/iterations.
- Interacted with Business Analysts and product owners to further analyze exact Functionality of Application.
- Created and executed both load and functional tests for web services.
- Worked closely with the web development team to ensure quality deliverables.
- Worked with Agile methods in Agile environment
- Developed and implemented quality assurance standards, processes, and procedures based upon the SDLC methodology
- Performed Rule Engine functional test through web service test in SOAPUI tool.

Sr. QA Test Engineer 02/2011 to 03/2013 Dish Network Corporation Salt Lake City , UT

Roles/Responsibilities Â

- As Test Engineer, was responsible for test setup, test data collection and preparation, execution and defect reporting.
- Participated in review of project requirements to understand test objectives, priorities to provide input on planning and testability of requirements.
- Developed automated test scripts for functional testing using HP QTP/UFT
- Wrote SQL Queries to validate the Actual and Expected results based on Requirements for the backend testing scenario.
- Interacted with developers and various members of agile team to discuss and resolve defects and their priorities.
- Rigorously performed Regression Testing, Performance Testing, Automated Testing and UAT.
- Strong theoretical and practical experience with various Agile approaches and implementation in a large organization
- Worked with development team and database team on defects found through automation and after defects are fixed, run related test scenario's (set of test cases) one more time to conform bug was fixed.
- Participated in all Agile ceremonies & activities and be accountable for the sprint deliverable.
- Involved in Release/Iteration planning, smoke, feature and regression test planning
- Implemented quality assurance testing methodologies and controls.

QA Test Engineer 04/2010 to 01/2011 Ultimate Software City , STATE

Roles/Responsibilities Â

- Analyzed Business and Functional Requirements documents and designed effective test plan and strategies for QA team.
- Involved in development of Test Plan based on Functional Requirement Specifications and Use Cases in Quality Center.
- Prepared test plan, test cases with details test steps to executed them manually and using automation tool UFT
- Independently developed Load Runner test scripts according to test specifications/requirements.
- Using Load Runner, executed multi-user performance tests, used online monitors, real-time output messages and other features of the Load Runner Controller.
- Developed and implemented load and stress tests with HP Load Runner, and present performance statistics to application teams, and provide recommendations of how and where performance can be improved
- Provided support to the development team in identifying real world use cases and appropriate workflow
- Performed in-depth performance analysis to isolate points of failure in the application
- Created Test Plan for QA team and developed test cases based on functional requirements and technical specifications.
- Conducted Smoke, Non Functional, Functional and System testing. Actively involved in defect log maintenance using Clear Quest.
- Prepared descriptive programs in UFT using VBScript.
- Used Subversion -SVN Version Control software for check-in and checkout activities.
- Wrote SQL statements to extract data from Tables.
- Performed extensive Functional Testing, Regression Testing, GUI testing, End-to-End testing, Usability testing.

Education

Master of Science : Management Information Systems 2015 Nova Southeastern University College Engineering and Computing City , State , USA

Associate of Science : Computer Programming and Analysis 2003 Miami Dade College City , State , USA

Bachelor of Science : Agriculture (Plant Science) Haremaya University Of Agriculture City , Ethiopia