**Vamshi Mamchikanti**

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**SUMMARY:**

* Around 6 years of experience in Selenium QA Testing in web applications , database testing and ETL testing.
* Expertise in preparing scripts for Automated testing(using Selenium), performance& Manual Testing covering width and depth of a given business process.
* Experience in Manual, Automated testing using Quick Test Professional.
* Proficient in various test management and defect tracking tools such as HP Quality Center, JIRA, ALM.
* Proficient in Unit testing, Functional testing, User Acceptance Testing, Integration testing, System testing, Performance& Load testing, Sanity testing, Exception testing, Compatibility testing & Security testing, White/Gray/Black-box testing.
* Experienced in testing using SOAP UI.
* Expertise in formulation of Test scenarios, Test cases, scripts and their execution.
* Proficient in analyzing system & functional specifications, UI wireframes, use cases, business requirements, business rules to develop Test Plan, Test Cases, Test requirements and procedures.
* Exposure in running SQL queries to manipulate database tables to check data integrity.
* Used Requirement Traceability Matrix (RTM) for mapping requirements to test cases.
* Experience in various programming techniques, such as test-driven development, continuous integration and testing, and Agile story-based iterative development to build better quality software
* Expertise in locating the web elements using XPATH and CSS.
* Good Exposure in implementing Agile Methodologies and Waterfall Methodologies in Testing Projects.
* Strong software application skills (MS Excel, Access, Word, PowerPoint, Project)
* Strong interpersonal, analytical & problem solving skills; excellent team player and individual contributor with good sense of planning, prioritizing of work and time management.
* Expert in analyzing test results and preparing test/defect summary report for Sr. Management.
* Experienced working with Excel Pivot and VBA macros for various business scenarios.
* Experience Testing manual, usability, functional, black box, white box, regression, smoke, performance, stress, load, persistent layer verification, data creation, web services (SOAPUI)).
* Good working knowledge of Automation tools like QTP, Load Runner, JIRA and Expertise in QTP in running scripts for Functional and Regression Testing.
* Good understanding of Software Development Life Cycle, Object Oriented Methodology, Capability Maturity Model.
* Experience in testing Client-Server and .net 3.5 applications.
* Experience in interacting with Customers, Management, Developers and Business Analysts to identify Needs, initiate Process Changes and resolve Bugs.
* Effective independently or in a team.  Worked as a Team Leader. Excellent communication as well as inter-personnel skills.
* Ability to convey technical information at all levels. Excels in research, analysis, and problem solving skills.

**TECHNICAL SKILLS:**

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| Software Testing | HP:  Quick Test Professional 11, Load Runner 11.5, Quality Center,   Unified Functional Testing (UFT) 12, ALM, Selenium, Selenium Web Driver, J meter, J Unit, Soap UI, ANT, Maven |
| Languages | Java, VBScript, HTML, XML, SAS, SQL, JavaScript, Visual Basic, C#, C++, .NET |
| Software | Tortoise SVN, VMware, Microsoft Visio, Excel, Word, PowerPoint, SharePoint,  Adobe Photoshop, Adobe InDesign, Adobe Dreamweaver, Adobe Flash |
| Databases | Oracle, Microsoft Access, Microsoft SQL Server |
| Other Tools | MySQL, TOAD, Oracle SQL+, Web Services, IE, Firefox, Opera |
| Operating Systems | Windows 7/8, Windows XP, Mac OS X, UNIX, Linux, MS-DOS |

**EDUCATION:** Bachelors’ of Technology in Computer Science from JNTU, India.

**PROFESSIONAL EXPERIENCE:**

**Blue Cross Blue Shield, Kansas City, MO Jan 2016-Till Date**

**Sr. QA Analyst/Tester**

**Responsibilities**:

* Analyzing the manual test cases for the feasibility of automation in regression phase.
* Automated the entire suit of TEDS functionality with Selenium Web driver as UI automaton tool.
* Performed automation feasibility using UFT and demonstrated Proof of Concept for power builder application. A desktop application/window based.
* Design, development and implementation Business Process Testing automation (BPT) framework that is best suitable for the test infrastructure requirements.
* Involved in identifying automation test scenarios, set up the required reusable functions, repository, environment variables, test data and functions required for the automation scripts functionality.
* Identified test data and organized in excel files scenario wise for test input at run time.
* Created business functions and generic functions to be used across using the scripts to enable single point of maintenance.
* Prepared automation test scripts to validate various functionalities using QTP Scripting and Selenium Java programming.
* Prepare the review reports (code reviews, execution reviews) for the automation scripts.
* Helped in preparing driver scripts, data driven tests and test suites.
* Designed, executed and maintained automation Test Scripts in Selenium RC using JAVA framework- JUNIT, TESTNG for regression test cases involved in executing the automation scripts and storing the results.
* Analyzed test results and reported defects.
* Prepare status reports such as daily status report, weekly status report and monthly consolidated report
* Prepared a user guide and installation guide to help novice users in execution.
* Design and Implementation of the Automation framework, formulating the driver script and the requisites
* Designed Functions Library, Functions, Subroutine's, Common functions, Utilities functions, and Regular Expressions and Environmental variables using QTP in VB scripts as part of automation
* Developed and executed the test scripts to test migration using SQL and UNIX scripting.
* Executed automated test scripts, analyzed the results and reported bugs in Quality center.
* Modified and Executed automated and manual test scripts for different modules using QTP
* Performed GUI, Functional, System Integration, Regression, UAT and Back End testing.
* Worked extensively with Quality Center for creating Test Plans, Test Cases, Test Design, Test Inputs, Test Logs, and Test Summary Reports.
* Raising defects in Quality Center (Mercury Test Director) and follow up with the development team to avoid slippage
* Reported the bugs, e-mail notifications to the developers using the HP Quality Center.
* Used Quality Center for defect tracking in different environments. Imported and exported data from and to Excel to and from QTP. Created best practices documents for QTP.

**Environment:** Java, SQL Server, Selenium (RC, Grid, IDE), Web driver, Windows, MS Office, JIRA, UNIX.

**VirtusaPolaris, Boston, MA Jan 2015– Dec 2015 Selenium QA Tester**

**Responsibilities:**

* Created and executed automated test scripts using Selenium Web Driver and TestNG.
* Used SOAP UI tool to test SOAP services & REST API.
* Extensively used Selenium Web Driver 2 to test the web application including recording, playback and debug individual test cases, to provide more flexibility in automating test cases.
* Participated in planning and developing test strategies and plans for Functional and Performance tests
* Performed different types of testing like smoke, functional, system integration, white box, black box, gray box, positive, negative and regression testing.
* Implemented Regression and Smoke tests execution as separate step of deployment process.
* Experience in testing multi-tier application including front-end, back-End and compatibility.
* Performed End-to-End testing, including performance & load testing after bug fixes and modifications.
* Worked on implicit wait and explicit wait methods to optimize speed of automation test case execution.
* Involved in validating Sanity, functional, Integration and Regression test suites using Selenium and the request and response of the Web Services (SOA) through SOAP UI.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Analyzed application to find out which part can be manually tested
* Maintained log of test results using Quality Centre as per rating and interacted with developers to resolve issues.
* Executed SQL test queries using TOAD and SQL Developer, to validate transformation rules used in source to target mappings and verify the data in target tables. Verified column mapping between source and target.
* Performed browser compatibility testing (Firefox, Chrome, Safari, Opera, Opera mini)of a web based application to ensure that functionality works fine.
* Worked with Business Analysts to define test cases, test plans, test data ensuring accurate coverage of business and functional requirements.
* Analyzed test results and prepared test/defect summary report for Sr. Management.
* Actively involved with SCRUM and sprint meetings, managing testing backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.
* Maintained knowledge base for recurring defects and resolutions and business comments for those defects.

**Environment:** Selenium Web Driver 2, HP Quality Center 10.0, QTP10.0, PL/SQL, Java, XML, Putty, Microsoft Visio, Share point and MS Office.

**SQA Concepts Inc. Reston, VA Oct 2013– Dec 2014**

**Selenium QA Tester**

**Responsibilities:**

* Developed and maintained automated test scripts for Regression testing using QTP, including parameter zing QTP Scripts.
* Interpret application architectures and identify areas for automation.
* Developed Automation Scripts for Regression using Selenium Web Driver and Java.
* Using Page Objects Pattern with Cucumber JVM framework.
* Developed and executed SQL queries in the database to conduct data integrity testing by checking the data tables on the server.
* Involved in Performing Functional testing, Regression testing, System testing, Integration testing, Security testing, Configuration testing, GUI testing and User Acceptance testing.
* Created Test plan, High level scenarios, test case construction and test estimates, resource estimates and weekly status reports.
* Conducted Test Case Walkthroughs to achieve consensus on Test Case correctness & completeness ensuring width and depth of test scenarios.
* Recorded and managed defects.
* Performed Regression testing for new builds and every modification in the application using Selenium Web Driver.
* Analyzed test results and prepared test/defect summary report for Sr. Management.
* Created XML based test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
* Worked on Integration of Selenium RC/Web Driver with existing API to test Framework.
* Implemented Agile/Scrum methods for testing approach.
* Configured Selenium and GRID scripts on Virtual machines.
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and XPath in Selenium.
* Responsible for Setting up Web Services project using WSDL in SOAPUI and provided setup help to other team members.
* Conducted Cross browser testing in IE and Firefox using Selenium.
* Managed Test results and defects using JIRA defect tracking tool
* Proficient in creating queries in TFS to validate results of TFS reports.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).

**Environment**: QTP, Selenium, TestNG, SVN, JIRA, SoapUI, Quick Test Pro, Quality Center 9/10, PL/SQL ,Ruby, Agile, TFS , HP Load Runner 9.1, Appium, XML, Java, Cucumber , Microsoft Visual studio ,Web Services

**Sonata Software, Bangalore, India Jun2011-Sept 2013**

**Role: QA Tester**

**Responsibilities:**

* Analyzed application to find out which part can be manually tested
* Document Manual testing procedures for the entire application with strong emphasis on regression and integration testing
* Performed Data-Driven Tests by passing different sets of data and checked whether the information entered is updated into the database.
* Reported the defects in the Quality Center automated tool and coordinated with the QA Lead and developers.
* Developed Test Analysis reports and Master Test Plans for each testing effort.
* Analyze Business, System requirements and Test Requirements Document (TRD) that are being loaded in HP Quality Center.
* Update those Manual testing procedures as and when Application functionality changes.
* Manually test key application functionality for major releases.
* Document defects identified during manual testing.
* Work with development team to fix those defects and re-test manually.
* Work with QA lead to prepare Test Plan, Test Cases, Test requirements and procedures.

**Environment**: SQL, MS Visio, XML, Windows XP/2000, SQL, HTML, JIRA Bug Tool.