**Sushma**

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**Professional Summary:**

* Over 6+ years of experience working as **QA Engineer** for Software Development and Testing Life Cycle including preparation of Test Strategies, Test Plans, Test Cases, Test summary reports for both **Web and Client-Server Applications.**
* Experience in all phases of **Software Testing Life Cycle (STLC**), **Software Development Life Cycle (SDLC),** Bug life cycle and Methods like **Agile, Waterfall and V model**.
* Experience in designing and executing **Automation Test scripts** for web applications using Java, Selenium RC/IDE/Grid, Selenium WebDriver, Junit and TestNG.
* Experience in developing **selenium automation framework** using **Junit/TestNG** and developing ANT/Maven targets to execute automation suites from command line.
* Expert in **integrating Automation scripts** (Selenium WebDriver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.
* Good knowledge of Quality Assurance Methodologies like **Agile, Waterfall**, **V-Model**, **Scrum, TDD**.
* Experience in designing **QAStrategy**, **Definition** & **Execution**, **Test data planning** and **Management**.
* Hands on experience in various **software development methodologies** like **Agile** and **Waterfall** model.
* Experienced in making **Data Driven and Keyword Driven framework** to maintain test suite.
* Experience in developing and Implemented automation using Selenium WebDriver and Java. Used **Eclipse IDE** to develop & debug the code.
* Designed & Develop data driven framework using **Selenium WebDriver, TestNG and apache POI API**.
* Proficient in Java and have sound knowledge on **OOP (Object Oriented Programming)** concept like polymorphism, encapsulation.
* Involved in writing Test plans, Test cases and Test scripts and interacting with developers to resolve the defects.
* Extensive knowledge in understanding **SRS** (Software Requirement Specifications) and **AVC** (Application Use Cases).
* Experience in Writing and Executing the Test cases, analyzing the Test results and Defects Tracking.
* Experience in testing code developed in TDD / BDD environments.
* Plan and execute smoke, functionality, Ad HOC, GUI, browser compatibility, regression tests.
* Experience in designing documenting and executing **test plans**
* Experience testing SOA with **RESTful/SOAP Web Services**. Created entire architecture for backend testing internal and third party API using Test Complete and SOAP UI.
* Experience in working **AgileMethodology** (Scrum) and used **JIRA**.
* Excellent knowledge in writing unique XPath using firebug and fire path to identify web elements.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using QualityCenter, JIRA, IBM Clear Quest, Bugzilla etc.
* Experienced in designing customized hybrid framework (Keyword Driven & Data Driven) using **Java**, **SeleniumWebDriver**, **PageObjectModel** (POM), **TestNG** &**apachePOI**.
* Extensive in working in **glassbox**, **greybox**, and **blackboxtesting**.
* Proven experience in web applications Testing for frontend and backend using tools such as **Selenium**, **SOAP** UI and **TestNG** and **JMeter** for **performance testing**.
* Experience in creating **VB scripts**to convert data from Pervasive database to My SQL DB.
* Experience in creating **Express Scripts** that provides integrated pharmacy benefit management services
* Experience programming in **Java, Python, JavaScript, HTML, XML** and **SQL** on Windows 2000, XP, Vista Operating Systems and UNIX environments.
* Excellent conceptual and working knowledge on testing in **Oracle, SQL Server, Sybase** environments.
* Experience in writing **Packages, Stored Procedures**, **Functions**, **Views** and **Database Triggers** using **SQL** and **PL**/**SQL**, **Forms**, **Reports in Oracle**.
* Expertise in back ends testing and writing SQL queries, Joins, procedures using Oracle and MySQL.
* Proficient in designing, reviewing and documenting system test plans, defining test procedures and creating test cases on the basis of product releases features, client’s requirements and related technical documents.
* Possess strong technical aptitude with strong analytical, problem solving and communication skills.

**TECHNICAL QUALIFICATIONS**

**Testing Tools** QTP 11, SOapUI, HP, Selenium, Appium, Cucumber, Protractor

**Defect Trackers** HP Quality Center 10.0, Dovetail, Bugzilla 2.0, Jira

**Reporting Tools/OLAP** Crystal Reports 11, Business Objects 5.1,6.5.2,XIR2,XI R3, Cognos 6.5/7.0,8.X, SSRS, SSAS

**ETL Tool** AsceticalData Stage (7.5), Data Stage EE (Parallel Extender Version)

**Programming Languages** C, C#, VB, Java, PL/SQL

**Mobile OS** Android, Windows Mobile, IOS

**Web/App Server** WebLogic 8.1, IIS-6

**Database** Oracle 10g/9i, SQL Server, MS Excel, MS Access

**Version Control Tools** Visual Source Safe, Subversion, Perforce

**Operating System** Windows 10/8/7/Server 2003/XP/NT/98/95, UNIX (Sun Solaris 10/9), Linux

**Others**  ArcGIS

**Professional Experience**

**Multiplan, Chicago, IL**  **Jan 2015- Till date**

**Role: Sr. Automation Engineer**

`**Responsibilities:**

* Worked closely with development team in creating automated scripts for the application using Selenium**.**
* Effectively implemented different QA Methodologies/ Policies, Strategies and plans in all stages of SDLC.
* Prepared Test strategy and Test Plan for each Release cycle.
* Involved in setting up configuring the testing environment with Eclipse, Junit, Selenium RC and Selenium Java client driver.
* Developed and implemented robust Keyword driven framework with Selenium RC which cut down the script development time in half.
* Developed and executed the test scripts with Selenium and Java.
* Developed test code in Java language using Eclipse, IDE and Junit framework.
* Used automated scripts and performed functionality testing during the various phases of the application development using Selenium IDE.
* Developed ANT Build scripts to run Sanity Test scripts developed in Selenium RC.
* Wrote automation scripts in Quality Center for System, Functional and Integration Testing.
* Developed Test Frameworks in Seleniumfor UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /Junit).
* Worked on Selenium GUI Object / element verification is done through XPath, CSS Locators.
* Used Selenium RC for testing different browser, Selenium Grid for checking instance of sever and Selenium **IDE** for record and play back.
* Created code modules in Java, JavaScript as a part of Programming.
* Designed and developed automation framework settings and implementation of Java, JavaScript
* Used validation techniques and Java Script for User Input Validations and was part of Designing and developing web forms using ASP and VB Script.
* Automated using Selenium WebDriver on several small projects/enhancements.
* Written shell scripts and Python scripts for performing Load tests on applications
* Converted all record and play back test cases into Selenium automated scripts.
* Developed Requirement Traceability Matrix (RTM) to ensure appropriate level of test coverage.
* Enter and maintain defect information in Defect Tracking System,JIRA.
* Experience creating eScripts that offers [pharmacy benefit management](https://en.wikipedia.org/wiki/Pharmacy_benefit_management) services for workers' compensation insurance programs
* Created and executed database queries (SQL) to validate database data integrity.
* Worked with appropriate development and technical support teams to triage, assess and solution.
* Worked closely with different functional team including Development, QA, Sales and Business.

**Environment:** Java, Selenium IDE /RC / Grid, Eclipse, Junit, Ant, HTML, eScripts, Eclipse IDE, Agile, python, XPATH, JIRA, Quality Center, XML, SQL, Windows.

**Ortho Clinical Diagnostics, Rochester, NY June 2014 - Dec 2015**

**Role: QA Automation Engineer.**

**Responsibilities:**

* Determined test objectives through detailed analysis in order to automate features comprehensively.
* Developed, planned and implemented automated test cases based on software requirements and technical understanding, as well as developed and extended the current test automation infrastructure to be more efficient,

both in execution and reporting.

* Developed Test Framework in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test automation (Java/TestNG).
* Used test driven Approach for developing the application and implemented the unit tests using Python Unit test framework.
* Developed Maven Build scripts to run Sanity Test scripts developed in Selenium WebDriver.
* Developed Automation scripts for new enhancements using Selenium WebDriver and TestNG.
* Designed and developed automated functional Test suite using Selenium WebDriver.
* Involved in the Continuous Integration of the automation framework with Jenkins.
* Involved in using Jenkins as a Continuous Integration server to configure with Maven.
* Performed build acceptance testing and smoke testing using Cucumber automation tool.
* Experience working in agile teams with a BDD approach
* Developed a Test plan based on testing requirements and created Test cases using test Plan module in HP Quality Center.
* Updated test cases and test scripts according to changed requirements as well as using Quick Test Pro for regression testing.
* Usage of Descriptive programming and VB-Script (QTP) to enhance script performance.
* Experience in documenting bug errors, software tests in Linux, Windows, and UNIX operating systems.
* Extensively used XPATH, Regular expression and classes to perform UI actions. Exported output/reports for all automated testing results.
* Identified software capability and reliability by conducting functional, system and regression and performance tests.
* Documented and reported test outcomes by collecting, analyzing, interpreting and summarizing data to development team.
* Assisted in reproducing, investigating and debugging software issues in coordination with the development team.
* Created and executed database queries (SQL) to validate database data integrity.
* Created code modules in Java, JavaScript as a part of Programming
* Worked with minimal supervision, whilst being responsive in a fast paced development environment. Also, mentored others in software testing best practices.

**Environment:** Selenium WebDriver, TestNG, Tested Linux, UNIX, HTML, eScripts, XML, XPath, Maven, SOAP UI, Jenkins, Cucumber, XPath, Eclipse, SQL, Oracle, Quality Center, Windows XP.

**PNC Financials, Pittsburg, PA Sep 2013 – May 2014**

**Role: QA Automation Engineer**

**Responsibilities:**

* Close interaction with the development team to discuss and understand the design and testing aspects of the application to design the test plans.
* Ensured requirements of the functional specification documents by preparing Test Cases &Test Plans. Developed Test Plan, Test scenarios, Test cases, Test Scripts and Traceability Matrix.
* Analyzed business flow of the application and reviewed business manuals and requirement document (BRD) in order to summarize system-specific business rules and other operating conditions.
* Analyzed and defined testable requirements created and implemented test plans in agile environment.
* Participate in the daily scrum meeting.
* Wrote Test Cases in Excel based on Technical Specifications, Functional Specifications and Business rules for online application system
* Created VB scripts using Descriptive programming in QTP
* Developed Test Cases/Conditions for manual and Automation testing of the above Applications and Reports.
* Documented User Stories and facilitated story point discussions to analyze the level of effort on project specifications.
* Tested Regression EDI834, 820 Transactions following the HIPPA compliance EDI Standard of X12.
* Involved in performing functional, application, integration, system, and regression Testing.
* Used Quality Center to record documenting information useful in debugging process, evaluating test data.
* Prepared and executed different SQL Queries against the Oracle and Sybase Database.
* Verified and Validated the Rates Calculations and Rate Renewal Calculations for different Products and benefits by Preparing and executing different SQL Scripts.
* Raise defects as found during manual test via SOAP UI and test script.
* Maintained Test Matrix and Requirements Traceability Matrix. Performed Gap Analysis on the same.
* Performed extensive backend testing by writing SQL queries and executing them into the database to verify the data integrity.
* Documented the outcomes of all the testing in MS Word and MS PowerPoint.
* Followed and Implemented the SDLC to improve the Testing Process and Efforts.
* Coordinated with the Business users, BA’s and Testers in order to perform UAT Testing.
* Developed Test Cases, Test Scripts and SQL to perform Unit Testing, System Testing and Load Testing.
* Used Quality Center for reporting and tracking bug and generating reports.
* Involved in Weekly Testing Status meetings with Testing Team and Weekly Rate Quote Task force meeting with Business Users and Developers.

**Environment:** MS Windows 2000, UNIX, Quality Center 8.2/9.2 PeopleSoft, JIRA, Python, Point of Sale, Finance, HR Primo and PMMS, SOAP UI 3.5.

**Manheim Auctions, Atlanta, GA Jan 2012 – Aug 2013**

**Role: QA Automation Engineer**

**Responsibilities:**

* Analyzed the user requirements by interacting with developers and business analysts in agile approaches and Scrum.
* Participated in developing and implementing test-plans and test-cases built on high-leveled and detailed design.
* Analyzed system requirements and documented entire software testing process accordingly.
* Responsible for weekly status updates showing the progress of the testing effort and open issues to be resolved.
* Cooperated and performed with development group to resolve the difficulties came across in a test execution.
* Coordinated with developers to fix application defects and participated in regular status meetings to state any bugs, problems and risks.
* Ensured traceability of test cases back to project requirements and participated in walkthrough of test cases.
* Extensively used Quality Center to prepare test cases from business requirements as well as Identified and reported defects using Quality Center defect tracker.
* Utilization of Quality Center from running Test scripts through Defect reporting and tracking.
* Performed manual testing for checking Black Box Testing, Functional Testing, Smoke Testing, Usability Testing, User Acceptance Testing and Regression during the phases of the development of the online application.
* Performing backend/database testing to ensure data validity by running SQL queries.
* Responsible for reporting and tracking the bugs using Quality Center.
* Created VB scripts using Descriptive programming in QTP for Regression Testing
* Followed Agile Methodologies and Software Quality Audits for all the Phases of SDLC.
* Improved control of testing tools and increased the Regression Functionality coverage.
* Performed smoke, usability, functionality, GUI, browser compatibility and regression tests.
* Preparation of Defect Metrics and Productivity Metrics for the team, worked as back end tester worked in creating manual test cases in Quality Center(QC).
* Performed System, Integration, Regression, Failover and Compatibility Testing.
* Performed Manual Testing on mobile optimized site.
* Involved in writing SQL queries to perform Database testing as well as executed SQL commands to verify the database updates.

**Environment**: Oracle, C, and Windows 9, Quality Center 10, Java web application, Web Sphere, Java, SOA, Business Objects, Oracle 10x.

**Lotus Hospitals, Hyderabad, India ​ ​ ​ ​ ​ ​ Aug 2010– Dec 2011 Role: QA Tester**

**Responsibilities:**

* Reviewed Business requirements, IT Design documents and prepared Test Plans for all assigned project releases.
* Involved on testing the new functionalities based on test cases and coordinated with development team in fixing the issues.
* Ensure that all the test cases are updated in the Test Director along with Master test plan.
* After successful release of projects, developed automation scripts using QTP and integrated the script with master script.
* Involved as part of automation team using QTP, developed test scripts.
* Tested critical bug fixes including critical fixes and coordinated with developers in release of bug fixes meeting tight timeline.
* Involved in Release support - Release to QA, involved in environment setup, testing the release process.
* Involved in Backend Database testing in Oracle using SQL.
* Defects were tracked, reviewed, analyzed using Test Director.

**Environment:** QTP 8.2, Test Director 8.2, Oracle9i, J2EE, TOAD, SQL, J2EE, XML, JSP, Windows XP, UNIX and Visual Source Safe.

**EDUCATION**

* Bachelors in Computer Science at JNTU Hyderabad, India