**Sahithya Vemula**

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**Professional Summary:**

* **Experienced QA Tester with 7 years of testing Software applications for functional, Automation, Web Services, Regression tests, UAT in Banking, Retail, E-Commerce,** Pharmaceuticals **domain**.
* Firm knowledge of different phases of Software Testing and Software Development Life Cycle (SDLC) including Agile Methodology and Waterfall.
* Proficient on **Automation** tools like **Selenium WebDriver/RC/IDE/GRID, QTP (Functional & Regression Testing), TestNG, Junit, Ant, Maven, Jenkins, Hudson, Jbehave, Cucumber, and SOAP UI Pro** for testing Client Server and Web based Applications.
* **Software Development Engineer in Test** (SDET) can thrive in agile, results-driven, team oriented environment, and has a passion on building automated solutions for web applications.
* **SDET** with test development expertise using frameworks such as **Selenium, TestNG, JUnit** and using Methodologies such as **Agile- Scrum, Waterfall**, **V- Model**.
* Expert in integrating Automation scripts (**Selenium WebDriver API**) on Continuous Integration tools Hudson/Jenkins for nightly batch run of the Script.
* Experienced in **Selenium Data-Driven Framework** with **core Java programming and Junit/TestNG annotations.**
* Experienced in performing **Data driven testing** to validate the components displayed on the website using **Selenium.**
* Experienced in providing the efficient locators strategy like **XPath and CSS to run WebDriver script** in stable condition.
* Good experience in Web Services testing using **SOAP UI, XML**, and **WSDL**. Providing required input data to request **XML** and get the required data from response XML and use the response data from other request XML using **SOAP UI.**
* Experience in applying **Testing Methodologies**, creating **Test Plans**, Executing Test Scripts, **Automation of Test Cases**, **Defect Tracking** and **Report Generation**.
* Extensive experience in preparing Test Plans, Test Scripts and Test Cases and performing Functional, Regression, Integration, Automation Framework, Load Testing and Web services Testing of Web based, Eclipse RCP and Java Swing Applications.
* Manual and Automation Testing (Black Box, White Box and Gray Box Testing) on Web-based applications.
* Have experience in using **Web-debugging tool like Fire Path and Firebug for finding elements locator.**
* Good programming skills in **Java, CSS, C#, VB, Oracle, SQL, and PL/SQL and experience in SQL Server, Access and Oracle Databases.**
* Strong knowledge of **Software Development Life Cycle** **(SDLC)** methodologies such as **Agile, SCRUM and waterfall models and TDD.**
* Excellent experience with source version control tools such as Subversion (**SVN) & Git.**
* Experienced in gathering business requirements, studying the application and collecting the information from developers and writing the test plan.
* Knowledge in Backend testing by writing **SQL queries** in Oracle, Microsoft SQL Server and Microsoft Access databases.
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* **Good analytical and communication skills** and ability to work independently with minimal supervision and also perform as part of a team.

**Technical Skills:**

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| --- | --- |
| **Testing Tools** | Selenium WebDriver/RC/IDE/GRID, QTP, ALM, SOAP UI, HP QC, Cucumber, Jbehave |
| **Languages** | HTML, CSS, C#, JavaScript, Java, XML, Python Script |
| **Test Framework** | Junit, TestNG |
| **Project Methodologies** | Agile-Scrum, Waterfall, V-Model, TDD |
| **Defect Tracking Tools** | Jira, BugZilla, IBM Rational ClearQuest |
| **Build Tools** | Ant, Maven |
| **Continuous Integration Tools** | Jenkins, Hudson |
| **Packages** | MS-Office Suite(Word, Excel, Access), MS-Project and MS-Visual Studio |
| **Databases** | Oracle, DB2, SQL Server, MS Access |
| **Operating Systems** | Windows variants, UNIX |

**Professional Experience:**

**Client: J.C. Penny, Dallas, TX. Sep 14 –Till Date**

**Role: SDET/ QA Automation Engineer**

**Responsibilities:**

* Involved in all stages of Quality Assurance Life cycle.
* Extensively used Selenium WebDriver 2 to test the web application.
* Setup Selenium from scratch as an automation tool and developed automated test scripts using Selenium Webdriver from manual test case.
* Developed and implemented **robust MVC pattern** base testing with **Selenium WebDriver** which cut down the script development time in half.
* Involved in designing of the modules and testing **JAVA classes** that controlled the whole flow of the module as per specifications.
* Configured **Selenium WebDriver, TestNG, Maven tool** and created **selenium automation scripts** in java, python and c# using **TestNG** prior to agile release.
* Automated test scenarios for GUI, Functionality and performed data driven testing on the application inserting different data in excel sheet using **QTP/UFT**.
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Responsible for implementation of Hybrid Test Automation Framework build using **Selenium WebDriver, TestNG and Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Extensively involved in writing and testing the test cases using **TestNG.**
* Wrote and executed automated test cases using **Selenium WebDriver** to automate manual testing solutions.
* Used **Selenium WebDriver** used to test search results of Meta search engine.
* Developed automated tests in partnership with developers for continuous regression testing and reducing manual testing using **Selenium, TestNG, and Maven**.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Used **Jenkins** continuous integration server to run automated test suites..
* Automated tests are developed in **C#** and **Java** using **Selenium Web Driver, TestNG** and **Cucumber**.
* Used XML files in Sending/receiving XML requests using **SOAP UI**.
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Ability to define **integration test cases** which exercise business scenarios.
* Set up the DB with test data before suite is run.
* Used VB Scripting in QTP/UFT, Generated test results using QTP/UFT and analyzed Actual Result and Expected result.
* Invoke the **REST API** that is running on a remote server (Tomcat).
* Validate the DB post test execution for verifying expected output
* Performed data driven testing by using JDBC as a data source in **SOAP UI** and configured SQL queries to fetch data from the Oracle database.
* Performed SOA / web services testing using **SOAP UI;** wrote adaptors to test / invoke web services.
* Used **Firebug** and **Firepath** to write automated test scripts using **XPATH.**
* Performed various types of testing, such as **Functionality, Regression, GUI Interface, Integration System, User acceptance and, end-to-end testing.**
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Executed Test Cases recorded in HP **Quality Center** manually to test the application for its functionality, system integration and verify the Exit Criteria.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.
* Writing complex **SQL queries** and update transaction and properties for accounts on stages for UI testing, Integration testing with different data points etc.
* Used **ClearCase**, **Subversion** for code repositories and **Maven** for the dependencies.
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Java,Selenium WebDriver, TestNG, Maven, Jenkins, Cucumber, SOAP UI, Eclipse, SOA, Firebug, Firepath, XPATH, HTML, Python, JavaScript, Quality Center, XML, ALM, SQL, Oracle, UNIX, Microsoft Office suite, Windows.

**Client: GlaxoSmithKline (GSK), Philadelphia, PA . Jul 13 – Aug 14**

**Role: QA Automation Engineer**

**Responsibilities:**

* Analyzed business requirements, system requirements, and **data mapping requirement** specifications interacting with client, developers and QA team.
* Design, develop and implement **MVC** Pattern based Keyword Driven automation testing framework utilizing Java, **Junit** and **Selenium WebDriver.**
* Designed and Developed Test Cases for automated testing using Selenium, **JUNIT** and **Eclipse IDE**.
* Configured **Selenium WebDriver**, **Junit** &**Ant**;created **Selenium automation scripts** in java using **Junit** prior to agile release.
* Extensively involved in identifying test cases to automate. Automate those test cases using **Selenium WebDriver,** **Junit** and Java (Eclipse IDE).
* Developed new and updated existing **Automation** test cases using **Selenium WebDriver** and **Junit,** using **Git** and **Source Tree** as VCS for a **Java** based **Web** application, using **Ant** as build tool and **Jenkins** to create and run deployment jobs.
* Involved in Writing **ANT** build scripts to automate the compilation and execution of **Junit** test cases/suites for VIN service, common data service, and Admin UI and java client modules.
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* On daily basis used build tools like **ANT** and **Jenkins** to build and regress automated tests into the PayPal **CI** process, and for VCS used **GIT;** documented and tracked defects and produced detailed reports using **Jira** and **Rally.**
* Converted QTP scripts into **Selenium** scripts. Used **Java** as Language and **Eclipse** as IDE, **ANT** as build tool, **Jenkins** as CI tools.
* Monitored the test execution in **Jenkins** once the code pushed into CI.
* Developed automated Test Scripts in QTP/UFT using VBScript for Regression Testing.
* Performed build acceptance testing and smoke testing using **Cucumber** automation tool.
* Worked closely with **Agile Scrum** team from several domains to ensure product testability while running Regression tests in **Selenium WebDriver** using **Junit**, and maintained test environments used for white box testing during new product releases.
* Responsible for Setting up **Web Services project** using **WSDL** in **SOAP UI** and provided setup help to other team members.
* Performed functional testing of **SOAP** and **RESTfull Web Services** using **SOAP UI** Tool**.**
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Worked with **source version control** tool such as **Subversion (SVN).**
* Conducted User Acceptance Test **(UAT)** with users and customers and wrote issues log based on outcome of UAT.
* Participated in **Stand-up meeting, walkthrough meeting, weekly automation meeting** with all other QA, **weekly assessment meetings** with business analysts and developers.

**Environment:** C#, Java, Selenium WebDriver, Junit, ANT, Jenkins, Cucumber, SOAP UI, MVC, Jira, agile, XPATH, Eclipse IDE, Rest , SVN, Git, UAT, Internet Explorer, Firefox, Chrome, SQL, Oracle, Windows.

**Client: Comerica Bank, Detroit, MI. Jan 13 – Jun 13**

**Role: QA 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/JUnit**).
* Used **Selenium RC** for testing different browser, **Selenium Grid** for checking instance of server and **Selenium IDE** for record and playback.
* Developed test code in Java language using **Eclipse, IDE** and **Junit** framework.
* Responsible in executing **Selenium** **RC** test scripts on different browsers and checked for compatibility.
* Worked on developing the automation scripts for backend testing using **Selenium RC.**
* Involved in **ANT** configuration for running servers and scripts after the build**.**
* Worked on **JIRA** for ticket management.
* Created and executed **database queries (SQL)** to validate database data integrity
* Updated test cases and test scripts according to changed requirements as well as using Quick Test Pro for regression testing.
* Identified software capability and reliability by conducting functional, system, 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.
* Worked with minimal supervision, whilst being responsive in a fast paced development environment. Also, mentored others in software testing best practices.

**Environment:** Selenium IDE/RC/Grid, JUnit, Ant, Eclipse, Jira, Python Script, UNIX, SQL, WebLogic, Windows XP.

**Client: Infoscaler, Santa Clara, CA. Nov 11 – Dec 12**

**Role: QA Engineer**

**Responsibilities:**

* Analyzed the user requirements, functional specifications and Use Case documents and created the Test Plans, Test cases for Functional testing.
* Designed the test cases and developed test scripts using **Java and Selenium.**
* Used Junit framework for test cases Performed Black Box and Unit testing using Equivalence Partitioning analysis.
* Used **Quality Center** as Test Repository for Requirements, Test plans.
* Involved in providing the Testing Effort estimates and provided the timely feedback on progress of the testing activity.
* Recorded and plays back test in Fire fox using **Selenium IDE.**
* Used Firebug Tool to identify the Object’s id, Name, XPath, link in the application.
* Tests developed in Eclipse to start and to stop the **selenium server** and to execute the tests in browser.
* Run tests by using **Selenium remote control** in different browsers.
* Used **Selenium GRID** to execute test cases parallely on different target machines.
* Examine the results of test to pinpoint defects in the application.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like Internet Explorer and Mozilla Fire Fox on different Operating Systems (validation).
* Performed **Database Testing** by passing **SQL Queries** and retrieved information from Database.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole and leading offshore team.

**Environment:** Java, Selenium RC,Junit, JavaScript, Eclipse IDE, SOAP UI, SVN, XPATH, Firebug, Quality Center**,** SQL, Oracle, Windows.

**Company: Matrix Telecom and Security, India. Jul 10 – Oct 11**

**Role: QA Tester**

**Responsibilities:**

* Analysis of functional specifications and designing Test Plans, Test cases for Functional Testing.
* Actively participation in GUI testing, Functional testing, System testing, Smoke and Sanity Testing.
* Involved in integration testing of different modules.
* Modification and execution of Test case Scripts (Java-Selenium RC) in Eclipse IDE, design of automation test framework (Junit and ANT).
* Wrote test cases and performed Manual Testing like Positive Testing and Negative Testing, Regression, Integration, Unit Testing.
* Performed records, enhanced, and plays back test in Fire fox using Selenium IDE.
* Performed requirements Analysis, Risk analysis, Dependency Analysis and Issues/Problems Analysis.
* Collaboration with development and other QA on test execution.
* Defects were tracked, reviewed, analyzed and compared using Quality Center.
* Used SQL Queries for backend testing to check the data integrity and data consistency.
* Involved in Creating check lists for testing team.

**Environment:** Java, Junit, Selenium (RC, IDE, GRID), JavaScript, HTML, SQL, PL/ SQL, Web server - Apache, Mercury Quality Center and Oracle, Unix/Linux.

**Company:** [**Sunmax Systems Pvt Ltd**](javascript:void(0);)**, India. May 08 – Jun 10**

**Role: Manual Tester**

**Responsibilities:**

* Created test plans and test cases in concert with system engineers and web designers.
* Involved validating sites across browsers and operating systems, the accuracy of links, visual presentation and its alignment with design specifications, and database updates.
* Tested the application manually prior to automation for functional testing.
* Performed Manual performance testing to identify various critical points in the application.
* Created Test Cases Test Plans and Test labs using Quality Centre.
* Supported new and existing products by configuring and testing software products and software components of a website.
* Provided Estimates for testing and updated the Project Plan with the testing timelines.
* Wrote SQL queries and statements to test database for retrieving information.
* Coordinated the walkthrough and kickoff meetings with developers and project managers.

**Environment:** Java, C#, Manual Testing, Quality Center, Oracle, SQL, Windows.

**References**: Will be provided upon request.