**Gurjot Singh**

**Software QA Engineer**

**Email:** [**gurjot2597@gmail.com**](mailto:gurjot2597@gmail.com)

**Phone: 469-389-2115**

**Professional Summary:**

* Having **Three** years of experience as a **QA tester** using Manual and Automation testing. Strong knowledge of **Software Development Life Cycle (SDLC).**
* Automation experience using **Selenium Web Driver** and **TestNG frameworks.**
* Experienced in using **Quality Center/ALM** and **JIRA** for requirement management, test planning, test case development, test case execution and defect tracking.
* Experience in working with Build Systems like **Maven** and continuous integration systems like **Jenkins.**
* Experience in preparing **traceability matrix** to map the requirement coverage with test cases**.**
* Good understanding of Quality Assurance methodologies like **Waterfall, V-Model** and **Agile** principles.
* Experienced in **Web Service testing** by using **SOAP UI** with the help of **Groovy Scripting**.
* Good working experience on **SOAP UI** for testing and validating various web services used in the application.
* Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation** & **Requirement Traceability Matrix.**
* Strong understanding of core **Java, Python.**
* Experienced in writing **SQL verification scripts** to test the result of deployment for correct business logic for **Back-end testing.**
* Experienced with writing queries in **SQL** for reading, updating, deleting and inserting data into various MS SQL server
* Good communication, interpersonal, teamwork skills.
* Ability to quickly learn new technologies.

**TECHNICAL SKILLS:**

| **Testing Tools** | Selenium IDE/RC/WebDriver/GRID |
| --- | --- |
| **Languages** | JAVA, HTML, XML |
| **Scripting** | Python, JavaScript |
| **IDE** | Eclipse |
| **Test Framework** | Junit, TestNG |
| **Build Tool** | Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | JIRA, Quality Center (QC)/ALM, BugZilla |
|  |  |
| **Continuous Integration Tools** | Jenkins, Hudson, Cruise Control |
| **Version Control** | GIT |
| **Data Bases** | MS Access, Oracle |
| **Operating Systems** | Windows (XP, Vista & 7, 8) Linux, Mac |
|  |  |

**Certification:**

Certified Automation/Manual Tester

Certified Selenium Tester

**Professional Experience:**

**Windstream Communications, TX Aug 2017 – Till Date**

**QA Automation Engineer**

**Responsibilities:**

* Worked with the **development team** to understand new features and develop test cases for them.
* Involved in implementation of Test Automation Framework build using **Selenium WebDriver**, **TestNG** and **Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches core **Java** programming skills using **Eclipse IDE**.
* Automated the entire flow and wrote test cases for individual pages using **TestNG**.
* Wrote automated testing code in **Selenium WebDriver** in Eclipse IDE for functional testing including **AJAX**-enabled applications.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Setup **Jenkins** to run regular regression tests using **Maven** configuration.
* Used **Soap UI** tool to located the WSDL file on the internet, create test cases, and execute test cases as well as performing load testing.
* Validated SOAP responses by using assertions like **XPath** match, schema compliance, contains, SOAP fault etc.
* Created automation framework in **Selenium** **WebDriver** using behavior driven approach like **Cucumber**.
* Defect logging and tracking using Mercury Quality Center (QC) and updated the test defects status with results.
* Involved in testing of web application by creating XML test suite.
* Provided feedback to the development team to enable better testability of some pages.
* Created **Selenium web-driver** automation scripts using **Python** to validate functionality on various browsers.
* Coordinated with developers and record defects in **JIRA** to track until they are resolved.
* Involved in **backend testing** for different environments like System Testing and User Acceptance Testing.
* Worked with Developers, Architects and business team in **AGILE** environment.
* Responsible for preparing Test Cases based on analyzing business requirement and functional documents.
* Developed **SQL Scripts** for Backend Testing to ensure that the data is updated as per the Business Rules.
* Responsible for performing data driven testing using multiple sets of data.

**Environment:** Selenium WebDriver, Java, Eclipse, TestNG, Cucumber, Jenkins, Maven, Python, SOAP UI, HTML, Eclipse, Firebug, Fire Path, XPath, Agile, Quality Center, Git, SQL, and Windows.

**Prosperity Bank, Dallas, TX Jun 2015 – Jul 2017**

**QA Automation Tester**

**Responsibilities:**

* Associated with development team to understand **technical design** and **architecture** for test planning.
* Designed and developed **Page Objects** using Page Object Design Pattern and **Selenium WebDriver.**
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing environment using **Selenium WebDriver, TestNG and Jenkins.**
* Developed Automation scripts for new enhancements using **Selenium Web Driver and TestNG.**
* Involved in running Selenium automation scripts and updating the scripts according to enhanced requirements using selenium **WebDriver.**
* Implemented Automated execution of tests (nightly and need based) using **Maven and** **Jenkins**.
* Configured **Selenium WebDriver, Maven tool** and created **Selenium automation scripts** in java using **TestNG** prior to agile release.
* Developed and executed **White box test cases** of the **Java API** using **TestNG** framework & Eclipse.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the **Web Driver** project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud based code repository system like **Github**.
* Performed Web Services Testing and XML validation by creating test case suite using **SOAP UI**.
* Created whole test framework using **Selenium** for further test creation and execution.
* Regression test cases were written and automated using **Selenium WebDriver.**
* Prepared **Traceability Matrix** to ensure the adequate coverage of the test cases.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Validated soap response using various Assertions such as XPath, Contains, SOAP Fault, Schema Compliance etc.
* Validated the customer account records and their order details with Databases using SQL Queries.
* Performed defect reporting and bug tracking using JIRA and also followed up with development team to verify bug fixes, and update bug status.
* Participated QA weekly meetings and various other meetings and discussed Enhancement and Modification Request issues and defects in the application.

**Environment:** Java, Selenium Web Driver, Jira, TestNG, SOAPUI, Cucumber, Maven, XPATH, Eclipse, Jenkins Fire Path, SQL, Oracle, Firebug, Jira, HTML, XML, Git Hub, Windows.