**Unnati Soni**

QA Automation Engineer

**Professional Summary:**

* Over 5+ years of diverse experience in the Information Technology industry as a **QA Automation Engineer** in software Testing, proficient in Client/Server and Web based applications. Expert in **Automation Testing**(**Selenium WebDriver**), **BDD Cucumber, API Testing, Mobile Testing,** and **Manual** Testing. Experience in performing clerical and administrative tasks and providing excellent customer support. Proficient in software issues identification and documentation.
* Excellent understanding of **Software Test Life Cycle (STLC) and Test Methodologies.** Good understanding of **AGILE, Waterfall** software development methodologies.
* Experience in**Automation Testing** and**Exploratory Manual Testing** (Black Box/White Box Testing) on **Web - based** applications.
* Experience in developing end to end automation using **Selenium WebDriver/RC/IDE/Grid, Junit/TestNG, ANT, Maven, Jenkins, Cucumber, Web Services (REST, SOAP).**
* Expert in developing**Java Selenium/ WebDriver**test scriptsand**Test Frameworks** using**TestNG/ Junit**to perform**Functional**and**Unit Testing.**
* Experience in using **Jenkins/Hudson** as a Continuous Integration server to configure with **Ant/Maven**.
* Have **Java** coding experience in **Eclipse IDE** for functional testing and regression testing for web-based N-Tier applications.
* Experienced in using **Maven build tools to manage framework dependency jar files.**
* Experience in designing Automated Framework using **Selenium WebDriver, Java** and writing **Selenium** Automation Scripts for **Sanity and Regression testing.**
* Experience in **creating Test Plans**, **writing and executing Test Cases, Manual Testing, and automated Test Execution.**
* Experience in Business **Functionality Testing, Smoke testing,**User Interface testing, **Integration Testing, Black Box Testing,** End-to-end Testing, **Manual Testing**, **UAT testing**, **Regression Testing**, **Performance Testing**, **Documentation and Reporting**.
* Good experience in Web Services testing using **SOAP UI** and **XML**. 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.**
* Excellent knowledge in writing unique **XPath** using **firebug and fire path to** identify web elements.
* Experience in designing **automation** scripts in order to eliminate excessive repeatable manual cycles.
* Experience in Using **Quality Center**extensively for Establishing **Traceability to Requirements, Test Cases, Bug tracking and Reporting**.
* **Event/Exception** handling.**Multithreading/Concurrency.**
* Experience in writing **Java, JavaScript.**
* **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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| **Quality Assurance and Testing:** | Creating test strategy, test plan, test cases, test data and test execution, creating and managing defects, generating test execution scorecards and test dashboards. |
| **Project Management:** | Expertise in Sprint Planning, Sprint Review and Daily Scrum. Mentoring team members on requirements gathering and testing activities. Ability to interact professionally with a diverse group of individuals - including executives, managers, subject matter expertise, developers, and field personnel. |
| **Project Methodologies:** | Agile software development Methodologies, waterfall Methodologies, Rapid Application Methodologies (RAD), Rational Unified Process Methodologies (RUP), Joint Application Design (JAD), Unified Modeling Language (UML) |
| **Testing Tools:** | Selenium WebDriver/RC/IDE/GRID, Appium, TestNG, Cucumber, SoapUI, ALM, |
| **Test Framework:** | Junit, TestNG |
| **Languages/Scripting:** | Java, SQL, PL/SQL |
| **Web Technologies** | HTML, CSS, XML, XPATH, |
| **Build Tools:** | Apache Ant, Apache Maven |
| **Continuous Integration Tools:** | Jenkins, Hudson |
| **Bug Tracking Tools:** | JIRA, QTP/UFT, QC |
| **Browsers:** | Safari, Google Chrome, Internet Explorer, Firefox. |
| **Operating System:** | MacOS, Windows XP/7/8/10, LINUX |
| **Databases:** | SQL server, MySQL |
| **Microsoft Tools:** | Outlook, MS Word, MS Excel, PowerPoint, MS Access. |

**EDUCATION:**

Master of Information System, California University Management and Science.

**PROFESSIONAL EXPERIENCE:**

**Dedicated Tech Services, Inc., Dublin, OH March 2018- Present**

**QA Automation Engineer**

**Responsibilities:**

* Worked with **Product, Design**, and **Engineering** teams on r**equirements gathering** and **evaluation.**
* Participate in product design reviews to provide input on functional requirements, product designs, test estimates, schedules and potential risks.
* Performed **Regression** testing to make sure that the operations staff can see the **aircraft-to-ATC** communication in clear text.
* Extensive Knowledge in **Agile Methodology** and participated in **Sprint planning, Sprint Retrospective, Product Backlog Refinement and daily Scrum meetings.**
* Experience in automating regression test cases using **Selenium WebDriver**.
* Confidential ended stand-up calls on daily basis and had two-week **Sprints**in **Agile**Methodology.
* Implemented automation using**Selenium Grid**to perform testing on multiple devices.
* **Application Screenshots** are captured using **TakeScreenshotAs** and copied the images whenever an exception occurs and at any checkpoint while execution.
* Handled various **Alerts**using different**methods**such as **dismiss, accept, getText** in effective way depending on the requirement.
* Responsible for developing the scripts to support **Jenkins** (Continuous Integration) of the scripts with the build server.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD** (Behavior Driven Development), **TDD** (Test Driven Development) using **Cucumber** in **Gherkins** format.
* Used **GitHub** to maintain and manage the build scripts, test data used and other documents related to the project.
* Implemented **TestNG** unit testing framework for the **smoke test**andused all **Annotations**in **TestNG** effectively.
* Good hands-on experience on **bug tracking tool** like **Jira and QTP/UFT.**
* Worked on **Data Driven/Page Object Model Framework** and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Worked on **Maven** for build and dependency management where I have added different **dependencies** such as apache poi/TestNG/Maven-plugin-API etc. according to the requirement.
* Performed **functional testing**of **web services** using **SOAPUI**and **RESTful web services.**
* Performed Mobile Testing of Android based Apps using **Appium**. Connected Real Devices.
* Performed **Cross Browser and parallel testing** to test the applications are working as desired in different browsers and environments.
* Expertise in **Smoke testing, Regression testing, System Testing and UAT**.

**Environment:** Java, QTP/UFT, Selenium, TestNG, XPath, Eclipse, Data Driven and Page Object Model Framework, Cucumber, SoapUI, Appium, Protractor, MYSQL, Oracle, Maven, Jenkins, Agile/Scrum, Gherkin.

**Trimble, Inc., OH March 2016- February 2018**

**QA Automation Engineer**

**Responsibilities:**

* Interacted with Project manager, business analysts and developers to understand the application design and functional specifications.
* Effectively implemented different QA methodologies/policies, strategies and plans in all stages of SDLC.
* Designed and Developed Test Cases for automated testing using Selenium, JUNIT and Eclipse IDE.
* Converted commercial **QTP Scripts** to open source Selenium **WebDriver scripts** to maximize the profits of the company without compromising Quality.
* Integrated Automation scripts (Selenium WebDriver API) in **Continuous Integration tools (Jenkins) for**nightly batch run of the Script.
* Assisted in developing **keyword driven** and descriptive programming framework for automation defects.
* Involved in performing data inspection for files loaded from source to landing zone.
* Detected, reported and tracked defects using **JIRA**.
* Participated in creation of source and target systems using ETL Process and worked with various databases.
* Involved in **User Acceptance Testing** (UAT).
* Work in **Selenium IDE** and **Selenium Web Driver** and execute the test cases using Selenium Web Driver.
* Performed **Functional, Smoke, Usability, Integration**and**Regression Testing**
* Worked in protocols used in insurance such as **web Services**, **HTML, SOAP, XML**
* Integrated the selenium smoke test into Jenkins for continuous integration.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium WebDriver and**Jenkins**.
* Tested each web services (**SOAP**messages) using SOA test tool (IBM Message Test Utility).
* Actively involved in **black box, grey box and white box** of the application.
* Applied **synchronization** points and checkpoints wherever required.
* Developed **test cases and scripts**, and created virtual users in LoadRunner for **Load, Stress** and **Performance** Testing of the application.
* Interacted with developers and business Users to communicate the defects.

**Environment:** Selenium, SQL Server 2000, TestNG, XPath, Firebug, Fire Path, Eclipse, SOAPUI, SQL, Unix, LoadRunner, web Services, HTML, SOAP, XML.

**Tivix, New York, NY March 2015 – February 2016**

**QA 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 along with the UAT test plan.
* Created **Master Test Plan, critical scenarios and Test Scripts** and schedules for Testing.
* 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**that cut down the script development time by 50%.
* Developed test code in Java language using **Eclipse, IDE** and **Junit** framework.
* Developed Test Frameworks in **Selenium**for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /Junit).
* Used **Selenium RC** for testing different browsers, **Selenium Grid** for checking instance of server and Selenium**IDE** for record and play back.
* Developed **Requirement Traceability Matrix** (RTM) to ensure appropriate level of test coverage.
* Enter and maintain defect information in Defect Tracking System,**JIRA**.
* 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, and Business.

**Environment:** Java, Selenium IDE/RC/Grid, Ant, Agile, JIRA, QC, Junit, XPath, Eclipse, XML, Oracle 10g, Windows, LINUX.