**Trupti Muthane**

**Professional Summary:**

* Overall 8+ years of experience in software development with specialization in Software Quality Assurance Testing automation using **JAVA and Selenium**
* Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as **Agile (Scrum) and Waterfall Model**
* Professional expertise in Smoke Testing, Backend Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Cross Browser/ Cross Platform Testing, UI Validation, and Webservices
* Proficient in using test automation tools such as **Selenium** **WebDriver/ IDE/Grid**, and Quality Center to develop automation testing scripts for web and client-server applications
* Extensively used JAVA for test case automation. Experience in implementing **Test Driven (TDD) and Behavior Driven (BDD)** development
* Experience in the development of **POM, Data driven, and Hybrid Automation** frameworks in Selenium
* Expertise in debugging issues occurred in front end part of web-based application, which is developed using **HTML5, CSS3 and JAVA**
* Experience testing REST Web Services with **Rest Assured, ReadyAPI and** **POSTMAN**
* Sound knowledge of **TestNG** framework for Unit testing, **Maven** and **Ant** for Project building tool, **Jenkins**/Hudson for Continuous Integration
* Expert using open source bug tracking tool **JIRA and Quality Center**

**Technical Skills:**

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| --- | --- |
| Programming Languages | JAVA, Python, Shell Script, JavaScript |
| Database | SQL Server, Oracle DB |
| SDLC | Waterfall, Agile (Scrum) |
| Testing tools/Libraries | TestNG, Selenium (IDE/Grid/WebDriver), POSTMAN, Rest Assured, Firebug, Hamcrest |
| Bug Management | JIRA, HP Quality Center |
| Other Tools | Maven, Jenkins, GIT |
| Operating Systems | Linux, Windows, macOS |
| Browsers | Chrome, Firefox, Internet Explorer, Safari |

**Education:**

Bachelors in Electronics and Telecommunication, DKTE, India

**Experience:**

**ETrade, CA USA**

**Role: SDET (Sr. QA Automation Engineer)**

**Duration: April’2020 – Present**

Working as a QA Automation engineer for E\*TRADE Financial Corporation

**Responsibilities:**

* Perform end-to-end automation testing of Web Services using Java, Gradle and Postman for manual testing.
* Gather requirements, perform analysis and scripting of backend services
* As onsite coordinator, gather requirements from client’s Tech Dev and QA team to co-ordinate with offshore development team
* Participate in daily and weekly sync up calls
* Prepare reports and provide inputs to discuss issues and project timeline

**Environment:** JAVA, TestNG, Jenkins, Allure, Gradle, POSTMAN

**Kohls, CA USA**

**Role: SDET (Software Development Engineer in Test)**

**Duration: Jan'2018 – March’2020**

Worked as a UI test engineer for kohls.com web interface to test product details page.

**Responsibilities:**

* Develop test plan, test strategies, test scenarios, and test based on Business and System Use Cases
* Execute Selenium tests for automation testing of the web application using Selenium WebDriver and TestNG
* Write JAVA code to develop Page Objects using the Selenium Framework
* Develop page level libraries for functional automation
* Data driven testing using Selenium WebDriver and TestNG functions
* Develop Maven Build scripts to run Sanity Test scripts
* Create automation framework in Selenium WebDriver using POM, PageFactory, and Property File
* Participate in scrum meetings and reviews
* Use Maven for building the WebDriver project. Integrate it with Continuous Integration tool Jenkins for running test on nightly basis automatically
* Use XPath and DOM to work with dynamic and static objects in Selenium.
* Performed RESTful services by using RestAssured for Automation testing and Postman for manual testing by validating request and response in JSON format.
* Used Rest Assured for regression testing of APIs.
* Identify and report bugs in JIRA and present reports during weekly status update
* Perform data accuracy, data validation and data integrity testing by querying the database using SQL queries to check the data table on server
* Participate in Stand-up and walkthrough meeting, weekly automation meeting with others, weekly assessment meetings with business analysts and developers

**Environment:** JAVA, Selenium WebDriver, TestNG, RestAssured, Postman, Maven, Jenkins, Page Object Model (POM), Data Driven Framework, HTML, CSS, JavaScript, XPATH, WSDL, XML, JIRA

**Ebay, San Jose, CA**

**Role: QA Automation Engineer**

**Duration: Feb 2016 - Dect'2017**

Worked as automation test engineers to test inventory APIs that were made available to sellers.

**Responsibilities:**

* Analyze the business and functional requirements and streamline the testing activities
* Prepare Automation Test Plans, Test Strategies, and Test Suites
* Automate Test Scripts for the Web application using Selenium, JAVA and TestNG
* Develop Selenium Automation framework - Create a hybrid framework (POM and Data driven) on Selenium using TestNG.
* Enhanced existing automation test cases and made them loosely coupled by implementing UI mapping by creating locators in properties file.
* Used Git and GitHub for version control system to manage source code history and GitHub as hosting service for Git repositories.
* Identified and developed proof of concept for new functionalities.
* Monitoring Jenkins report and identifying cause for failure, fixing the major failures.
* Responsible for Automation of Rest Services using Rest Assured, Hamcrest and JAVA
* Work closely with development team to understand the Services and resolve the development issues for testing.
* Conducted manual Rest API testing using Postman and automation testing using ReadyAPI.

**Environment:** JAVA, Selenium WebDriver, TestNG, Page Object Model (POM), Postman, ReadyAPI, Hamcrest, JIRA

**Union Bank, SFO, USA**

**Role: Software Engineer**

**Duration: May’2014 - Jan’2016**

Was responsible for testing and deployment of targeted advertisement platform for Union Bank customers.

**Responsibilities:**

* Get test cases reviewed by development team, product management and modified the test cases based on the feedback
* Attend the BRI (Business Requirement Identification) meeting to understand the business Requirements
* Perform functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG
* Create and enhance test scripts to handle changes in the objects, in the tested application’s GUI and in test environment using Selenium WebDriver
* Develop data driven framework with Selenium, TestNG and Apache POI API
* Perform REST API testing using SOAPUI.
* Use XPath and DOM to work with dynamic and static objects in Selenium
* Conduct backend testing using SQL queries to validate data for database

**Environment:** JAVA, Selenium WebDriver, SOAPUI, Jenkins, Maven, HTML, CSS, JavaScript, Quality Center

**TCS, India**

**Role: Software Engineer**

**Duration: June’2007- Oct’2009**

Worked on a Nortel telecom project to test APIs of OFRT routing module using JAVA and Junit.

**Responsibilities:**

* Gather test requirement and develop comprehensive test strategy
* Test case planning, execution, reporting the defects and the status.
* Developed and maintained test automation scripts which were built to reduce repetitive manual testing using Selenium WebDriver, TestNG, Maven and Java.
* Perform API testing through all phases of development life cycle (Usability, Functional, and Regression Testing) using black box testing methods
* Write SQL queries to validate backend applications to ensure accurate results
* Analyze results, report and track defects in Quality Center and verify the fixes

**Environment:** JAVA, Selenium WebDriver, TestNG, SQL, Quality Center.