**QA Automation Test Engineer**

**Name**: Afifa Naz

**Email**: [afifanaz166@gmail.com](mailto:afifanaz166@gmail.com)

**Contact**: +1 (949) 331-7590

**Professional Summary**

* Over 8+ years of experience in Software testing in Automation testing using Rest - Assured for web services and selenium web driver for Web applications. Hands on in JavaScript development tools like GraphQL and testing tools like Jest.
* Extensive working experience in all phases of Software Development Life Cycle (SDLC), its methodologies such as Agile, Scrum and Waterfall Model.
* Proficient in writing Test Plans, Test Cases, Test Scenarios and test deliverables for various applications.
* Expertise in developing Java Selenium WebDriver/RC/IDE/GRID test scripts and testing frameworks using TestNG/TDD, Cucumber/BDD and Page Object Model (POM).
* Sound knowledge of Key Driven, Data Driven and Hybrid Automation Frameworks in Selenium.
* Sound Knowledge of Maven for Project building tool, CI/CD tool Jenkins and GitHub for Git Repository.
* Experience in debugging issues occurred in the front part of web-based applications which are developed using HTML5, CSS3, Angular JS, Node.JS and Java.
* Experience in Working on API Testing (REST API) implementation using Java Coding as well as usage of SOAPUI . Have hands on experience in groovy scripting with SoapUIPro and Ready API testing web-services.
* Expertise in documenting the Business Requirements Document (BRD), generating the UAT Plan and maintaining the Traceability Matrix.
* Proficient in the use of Quality Center for Test Planning, Test Designing, Test Analysis, Test Execution, Defect Tracking and Test Evaluation. Excellent Experience in load testing web services using JMeter with maven and build through Jenkins. Experienced in using build tools like Gradle and Maven. Experienced in writing Automation API test cases for RESTful and SOA applications using Selenium, Gherkin, Cucumber, Java, Junit, XML and JSON.
* Developed Test Scripts to implement Test Cases, Test Scenarios and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Cucumber.
* Good working experience on SOAP UI for automation testing and load testing for validating various web services used in the application. Experienced in using Version Control Systems like GitHub. Built Hybrid Automation Framework from scratch with Java Eclipse IDE and Selenium Web Driver.
* Hands on experience in analyzing Business requirements and finalizing Test Approach, Test Plan, preparing Test Scenarios, Test Conditions and Test Scripts as per Functional and Technical Design Document. Excellent Experience in Tracking Defects during the testing process using JIRA.
* Experience with CORE JAVA, Multithreading, JDBC and Concepts. Experience with multiple software development methodologies - including Waterfall, Iterative, V-Model, Agile & Scrum. Expertise in integrating all test scripts to Jenkins using Maven. Experience in using GIT for code repository.
* Experience in working as a Scrum master for critical integration projects. Also supported program sponsor by handling vendor communications for Integration projects at program level.
* A dynamic and a result oriented SDET (Java and JavaScript)/QA Analysts of experience in various domains including HealthCare, Banking, Insurance and Ecommerce. Automating Angular JS applications by using Protractor using Java script.

**Professional Experience:**

**Role: QA Automation Test Engineer Sep 2019 to Present**

**Client- Kofax, Irvine, Ca**

**Responsibilities**:

* Involved in taking software requirements and specification documents such as BRD and FSD to write Manual and Automation test cases.
* Followed agile methodology throughout the project and attended daily standup meetings.
* Implemented Java OOPs concept to write test scripts in Selenium WebDriver for designing the frameworks.
* Automated Smoke, Regression and Functional test cases using Selenium WebDriver, TestNG and Java (Eclipse IDE).
* Responsible for designing and implementation of Selenium WebDriver automation framework for Regression and Functional testing using Data Driven and Page Object Model approach and automate them. Generated reports, participate in planning and execution of QA/UAT testing.
* Participated in preparation, define QA /UAT Test Strategy, integration Test Plans, Test Scripts and coordination of all testing activities including defect tracking and issue remediation. Involved in QA/UIT/UAT/Regression Testing for Connectivity, Data Flow, Data Validation, and Error handling.
* Prepared Test Plan, Test Strategy, Test Data, Test Case, Test Result and Traceability Matrix in qTest and HP ALM Quality Center Tool.
* Defect tracking and reporting, logged defects using Jira tool and reported it to the developer.
* Involved in manual testing and RESTful Web Services using Postman, Apache Http Client, and REST Assured. Validated RESTful API services. Developed and executed TestNG suites for the bank application modules using TestNG framework.
* Actively involved in entire SDLC and STLC of an application. Saved remarkable time and cost of testing by automation using Selenium WebDriver, JAVA, Cucumber. Implemented Implicit and Explicit waits to overcome synchronization issues. Manage Jenkins to run CI/CD. Used Git as a repository.
* Used Protractor for End to end Automation testing for Angular JS applications and writing javascript. Experience with end-to-end test framework for AngularJS, NodeJS, and other JavaScript applications by using Protractor Testing.
* Documented and assisted the QA Team with the Test Plan. Also worked on different types of testing in different environments e.g. UAT, UIT, and SIT testing including regression, parallel and many of other testing techniques.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production. Used Jenkins as continuous integration server to run automated test suites.
* Interacted with developers and users to analyze the business requirements and functional specifications in an AGILE Development Environment.
* Performed Cross Browser testing on cloud platform by integrating selenium with Sauce-Labs. Involved in Mobile Application Testing using Sauce Labs Cloud environment.
* Analyzed the functionality needs to be automated based on the manual Test Cases and estimated time & efforts. Involved in Functional Testing, System Testing, UIT and Regression Testing.
* Used SQL programming in backend and front-end functions, procedures, packages to implement business rules and security.

**Role: Automation and Manual Test Engineer July 2017 to Aug 2019**

**Client: Texas Instruments, Dallas, Texas**

**Responsibilities**

* Communicated daily with developers and other people in the team to provide daily status on manual and automation test results.
* Developed Automation Framework Cucumber/BDD using Selenium WebDriver.
* Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in Java for Cucumber.
* Created Test cases, Test plans, tested API’s, wrote TestNG/TDD test cases, executed code coverage and wrote automation scripts using Selenium.
* Created Data Driven tests that randomized the test data for testing the AUT using Excel file.
* Identified and reported bugs using defect tracking tool JIRA and presented bug reports for weekly status updates.
* Used Jenkins as CI/CD tool for maven project by integrating GitHub with and Selenium with Jenkins.
* Conducted backend testing using SQL queries and Joins to validate data for databases.
* Interacted with developers, users and various team members to discuss issues, resolve defects and set priorities.
* Involved in running Selenium automation scripts and updating the scripts according to enhanced requirements using Selenium WebDriver and Java. Used Maven as Project building tool along with Jenkins. Expertise in HTML, CSS, HTTP, JavaScript, XML, AJAX and JQuery.
* Prepared Test Plan, test Cases, Test scripts and Test Metrics for the application as well as for the database verification based on the functional requirements, portal redesigned and test specification.
* Worked in Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
* Involved in designing and implementing of hybrid automation framework to be used with Rest Assured and Maven using TestNG framework.
* Developed Test Cases using WSDL, Schema files which defines Web Service Request, Response, methods/operations, End Point of web service to be tested. Added properties, property transfer to validate multiple Web Services calls for SOAP Web service and Restful API.
* Performed Data driven testing Rest-Assured using TestNG functions and JDBC Connections which reads data from scripts using property and XML files. Experience in writing automation java coding using rest-assured library with java, cucumber.
* Performed data base testing by writing Having clause, Where clause, Union and extract data from multiple tables using different joins like inner join, right join and left join.
* Performed Integration Testing, Functional & Non-Functional, System Testing, Regression Testing, UAT Testing, Exploratory Testing, Browser Compatibility Testing, Reliability Testing, Unit Testing – Jest Framework.

**Role: Junior Automation Tester Mar 2016 to May 2017**

**Client: System Tech Services Inc, Sanford, Florida**

**Responsibilities**:

* Worked in Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
* Assisted the scrum Master with the 12% increase in velocity.
* Spearheaded the conversation of more than 1000 manual test cases into an automated test which resulted in a 65% reduction in manual effort.
* Tested third party API’s to validate the actual response using SoapUI.
* Constructed an automation Sanity test to run prior to every deployment to shorten the testing time
* Developed and implemented the app database to integrate the payment history data and payment centre location data in XML and JSON format coming from the main database servers. Extensively used SOAP UI for functional testing of web services.
* Written white-box test cases based on the User and Business Requirements. Worked on Selenium for creating and executing test cases for functionality testing of a web app. Verified the application on difference web browser such as IE, Mozilla Firefox and safari
* Involved in defining test automation strategy and test scenarios, created automated test cases, test plans and executed tests using Selenium WebDriver and JAVA. Worked on White-Box server-side System level test cases using JUNIT. Developed Automation scripts using QTP.
* Tested web-based application on different operating systems such as Windows XP, Windows 7 and MAC. Also, tested the application for different Java versions. Performed automated regression testing to check the new functionality, bug fixes, and fix packs.
* Planning and executing the Implementation Scripts. Created Traceability matrix between Requirements and Test cases
* Created test cases to check the html pages (web page), hypertext links, images, Java applets and tables. Conducted Integration testing, functional testing, system testing. Involved in Maven configuration for running servers and scripts after the build. Preparation of test conditions detailing the high level overview. Developed and executed automation test scripts using Selenium WebDriver, Eclipse, TestNG and Java.
* Maintained Test logs, Test Suites and Test reports in Mercury Quality Center. Generated Modular Reports for failed test cases and assigned them to responsible developers. Categorized bugs based on the severity and interfaced with developers to resolve them.
* Enhanced & maintained Automation Framework in Selenium in Java by improving custom XPath, error handling methods, recovery scenarios and custom reporting results using TestNG. Worked on SOA - Web Services Technology, Validated Request and Response XML using SoapUI tool.
* Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in Java for Cucumber.
* Developed Test Cases using WSDL, Schema files which defines Web Service Request, Response, methods/operations, End Point of web service to be tested. Added properties, property transfer to validate multiple Web Services calls for SOAP Web service and Restful API.

**Role: Manual Tester Jan 2015 to Feb 2016**

**Client: Pioneer Technology, Dallas, Texas**

**Responsibilities:**

* Analyzed business requirements, documented business requirements specifications, wrote Test plans and Test cases.
* Worked with the development team to understand technical design and architecture for test planning.
* Planning and executing the Implementation Scripts. Created Traceability matrix between Requirements and Test cases
* Prepared Test Plan, test Cases, Test scripts and Test Metrics for the application as well as for the database verification based on the functional requirements, portal redesigned and test specification.
* Uploaded test cases, executed test cases and logged defects in Mercury Quality Centre.
* Performed back end testing on oracle database by writing SQL queries.
* Integrated closely with developers regarding defects, participated in tracking, reviewing and analyzing bugs.
* Worked extensively with business users to define scope and prepared documents of understanding for various change requests by analyzing the feedback from user groups. Created Data Driven scripts for adding multiple customers, checking online accounts, user interface validations, reports management, etc.
* Performed Functional Testing, Regression Testing, and Usability testing. Test Scenarios, Test Cases Preparation, Test Execution and Tracking the Project Progress. Prepared status summary reports with details of executed, passed and failed test case. Coordinate the Onsite/Offshore team members. Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.
* Worked in Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
* Tested web-based application on different operating systems such as Windows XP, Windows 7 and MAC. Also, tested the application for different Java versions. Performed automated regression testing to check the new functionality, bug fixes, and fix packs.
* Attended daily standup meetings to discuss all the issues with the team.
* Maintained Test logs, Test Suites and Test reports in Mercury Quality Center. Generated Modular Reports for failed test cases and assigned them to responsible developers. Categorized bugs based on the severity and interfaced with developers to resolve them.

**Education and Learning**

Learning Cypress automation tool

Learning Playwright with Typescript

Get ISTQB certification after completing the course