**Amdadul Haque**

**QA Engineer**

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**Professional Summary:**

* Over **7+ years** of IT industry experience in Software Testing with emphasis on Software Quality Assurance and Automation Testing with wide variety of projects and environments.
* Good Understanding of Software Development Life Cycle (**SDLC**) and Software Life Cycle Testing **(STLC).**
* Experience in designing, developing and executing automated tests using **Selenium** **WebDriver.**
* Solid experience with web automation testing tool i.e. **Selenium** **IDE** and **Selenium Web driver** with **JAVA**, and **TestNG.**
* Experience in maintaining and executing **Maven** build files for running automated tests by adding dependencies.
* Expert in writing Scenarios, Scenario outlines, feature and Step definitions using **Cucumber for BDD.**
* Experience in **continuous integration** server **Jenkins** to run automated test suites.
* Experience in **Protractor** Angular UI testing automation.
* Proficient in creating automation script from **scratch**. Sound knowledge of developing different type of **framework** like **Module driven**, **Data driven** and **Hybrid** framework.
* Experience in creating and developing Test Plan, Test Cases, Test Scripts, Test Reports and Defect Reports for both Manual and Automation tests to support quality-oriented deliverables.
* Proficient **in black box testing** (Functional Testing, Integration testing, System Testing, Smoke Testing and Regression Testing )**,** performance testing, Graphical User Interface testing (GUI), User Acceptance Testing (UAT), Regression Testing, Integration Testing and white box testing.
* Experience in **Functional Testing, Data Driven Testing, Load Testing.**
* Solid understanding and hands on experience with web technologies like **HTML, XPATH, XML, SOAP and WSDL.**
* Good Experience in performing end-to-end test automation for web services applications **(Soap and Rest)** using **Soap UI/Postman.**
* Experience in Test Planning, assigning task to team, Creating Test cases, executing test cases, performing various types of testing like Sanity, Regression, Functional, Smoke and Ad-hoc product testing, Reporting bugs, coordinating with multiple teams, test status reporting. Well versed with **HP ALM, Quality Center and JIRA.**
* Experience in creating and executing **SQL** queries in **Oracle, SQL Server, and MySQL** tables in order to validate data at the back end.
* Strong expertise in lifecycle methodologies like **Waterfall and Agile Models** and **TDD** (Test Driven Development) methodology.
* Good interpersonal skills, committed, result oriented, hard working with a quest and zeal to learn new technologies.

**Key Skills:**

* **Testing Tools:** Selenium IDE/WebDriver/Grid, TestNG, Maven, Jenkins, Cucumber, SOAP UI, PostMan, Protractor, Jira, Rest-Assured
* **Languages:** Java
* **Web Technologies:** HTML, XML
* **Defect Tracking Tools:** Jira, Quality Centre
* **Build Tools**: Maven
* **Methodologies:** Agile, Waterfall, TDD
* **Data Bases:** Oracle, Microsoft SQL Server, DB2, Git, Share Point
* **Platforms:** Windows Variants and LINUX.

**Organizational Experience:**

**QA Automation Engineer**

**Broadway Bank, San Antonio, TX | Jan 2023 – Till Date**

**Roles & Responsibilities:**

* Involved in analyzing Business Requirement Documents and Technical Specification document and developed test plan and test cases for testing the application.
* Developed test automation scripts using **Selenium WebDriver** for regression and performance testing of the various releases of the application.
* Identified test cases to automate. Automated those test cases using **Selenium WebDriver, TestNG** and **Java technologies (Eclipse IDE)**. Contributed in framework creation.
* Used Java and **TestNG framework** for scripting.
* Performed UI testing and front end testing using **Selenium.**
* Used **TestNG** Annotations in **Selenium WebDriver** and executed a batch of tests as **TestNG** suite.
* Configured**Maven** for JAVA automation projects and developed **Maven** project object model (POM). Integrated the scripts and executed them as a suite using the build integration tool **Maven.**
* Involved on **Cucumber** testing and defined the test scenarios and created the test cases in Test Manager. Performed build acceptance testing and smoke testing using **Cucumber** automation tool.
* Analyzed **Jenkins** execution results to provide detailed breakdown of cause and severity of any defects.
* Developed automation script for Mobile Native applications (IOS, Android) using **Appium and Java.**
* Implemented Mobile automation frameworks using **Appium.**
* Involved in performing End to End testing using Protractorand Developed custom libraries for automation using **Jasmine and** Protractor for BDD Testing.
* Developed Automation Framework from a scratch using **Protractor** and **Jasmine** for **UI** Automation.
* Performed **testing** of each build and then **Regression testing** on each builds using **Selenium WebDriver.**
* Designed and executed Tests for Smoke Testing, System Testing, Positive/Negative Testing, Integration Testing, Regression Testing and Functional Testing.
* Performed various types of testing, such as **Functionality, Regression, GUI Interface, Integration System, User acceptance and, end-to-end testing.**
* Involved with SOA architecture which include **Soap Web Service** and **RestFul Web Service** Testing.
* Involved in testing Web services and XML with tool called **Postman** and using this tool to locate WSDL file on internet, create Test cases and run them.
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using **HP ALM.**
* Conducted **backend testing using SQL queries** to validate data for database and Used **SQL queries** for retrieving data from database for executing user specific test cases.
* Participated and conducted **Agile** Scrum Daily project meeting and planning using the agile process.
* Participated in weekly QA meetings and Bug review meetings with the Dev. and QA teams.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, BDD, Cucumber, Jenkins, Eclipse, XML, XPath, Appium, RESTful, Protractor, Jasmine, Postman, HP ALM, SQL, Agile and Windows.

**QA Automation Engineer**

**Mercury Insurance, Los Angeles, CA | Oct 2021 – Dec 2022**

**Roles & Responsibilities:**

* Involved in entire QA Life Cycle, which includes Requirements Analysis, Designing, Developing and Execution of documentation of Test Plans, Test Cases, and Test Procedures.
* Used **Selenium Web driver** for generating test scripts and to Automate Functional Testing using **Selenium.**
* Involved in Selenium Data-Driven Framework with Core Java programming and **TestNG** annotations.
* Performed Unit testing with **TestNG** test frame work and use Bromine for easy running the test and store the result for analysis the test.
* Designed and developed Automation framework both Data driven and Hybrid using **Selenium WebDriver** in Java and performing unit testing by using **TestNG.**
* Involved in Writing **Maven** build scripts to automate the compilation and execution of TestNG test cases/suites for VIN service, common data service, admin UI and java client modules.
* Used Build tool like **Maven** to generate test report.
* Responsible for creating and maintaining automation acceptance test suite using **Cucumber.** Used **Cucumber** automated testing to test new and existing functionality.
* Writing **Jenkins** pipeline scripts to parallelize automated test execution and reduce runtime of tests.
* Used **Appium** for native, hybrid Mobile **Application** Testing **for iOS** and Android platforms.
* Used **Appium** for test Automation Framework, Cross platform test Automation.
* Extensively used **XPATH,** Regular expression and classes to perform UI actions. Exported output/reports for all automated testing results.
* Performed **Manual Testing** to check the functionality.
* Created and executed **Manual test cases**, raised defects and tracked the same to closure.
* Developed script and performed WebServices testing using **Postman** pro tool for functional and regression testing.
* Created test planning and participated in execution for **API Testing** using **Postman**.
* Involved in documenting test cases and packaging test suites and making them available to all of engineering and QA using **Quality Center.**
* Conducted **backend testing using SQL queries** to validate data for database and Used **SQL queries** for retrieving data from database for executing user specific test cases.
* Worked in the form of sprint team with business analysts and developers in **agile** methodology.
* Prepared Testing status reports and involved in daily Defect meetings to discuss the previous **day defects with the Developers** and managing the **defect life cycle** until they are being closed.

**Environment:** Java, Selenium WebDriver, Cucumber, Jenkins, TestNG, Maven, Quality Center, Eclipse, Postman, Maven, Agile, XPath, GitHub, SQL and Windows.

**Test Automation Engineer**

**Office Depot, Boca Raton, FL | Jul 2020 - Sep 2021**

**Roles & Responsibilities:**

* Analyzed the Business Requirements Specification, System Requirements Specification and User Interface Specification documents.
* Developed and executed Test Plans, Test scenarios, Test Cases, Test Scripts for Manual and Automation Testing.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver, TestNG and Java** (Eclipse IDE).Contributed in framework creation.
* Created unit test cases for business component and worked on API server-side System level test cases using **TestNG.**
* Used Java as client library for **Selenium and WebDriver** to design and developed Automation test Framework using **TestNG.**
* Used **Maven** to build and run the **Selenium**automation framework. Once the script got over, framework used to send the automation reports over email.
* Involved in acceptance testing using **Cucumber, Selenium WebDriver,** and **BDD** Framework.
* Involved in pushing the automated test code into CI (Continuous Integration) and monitored the test execution in **Jenkins** once the code pushed into CI.
* Used **Selenium WebDriver API** to automate tests on cross browser and cross platform environment. Sound knowledge on Object Oriented Programming concept and **Java Language**.
* Developed BDD tests using Cucumber by writing behaviors and step definitions. Developed required Selenium support code in **JAVA for Cucumber.**
* Used **XPATH,** Regular expression and classes to perform UI actions. Exported output/reports for all automated testing results.
* Tested applications in different types of browsers and versions, such as Internet Explorer, Firefox, Google Chrome to simulate production environment.
* Involved in GUI testing, integration testing, navigation testing and regression testing using web and client-server applications.
* Involved in SOA testing for **Payments API's** using **Postman and Java** framework for Web Services testing.
* Created data-driven automation scripts for testing **API Web Services** using **Postman.**
* Responsible for updating and maintaining the **Quality Center** for all the defects found during functional and regression testing and follow up of the bug life cycle.
* Executed **SQL Queries** on database tables to verify the database.
* Worked on Agile (Scrum) environment and involved in review the stories and participated in Daily Scrum, Iteration Planning and Release Planning meetings.
* Actively participated in Stand-up meeting, walkthrough meeting, weekly assessment meetings and daily bug triage meetings and interacted with developers and business analysts to ensure high quality of the application under test.

**Environment:** Java, Selenium WebDriver, Maven, TestNG, Eclipse, Jenkins, Postman, XPATH, Quality Center, Agile, SQL, Windows.

**QA Engineer**

**Sun Life Financials, Boston, MA | Feb 2019 – Jun 2020**

**Roles & Responsibilities:**

* Worked closely with developers and other QA members to define test requirements and developed test cases based on the **Business requirements** and **System requirements.**
* Worked closely with development team in creating automated scripts for the application using **Selenium.**
* Developed Automation scripts for new enhancements using **Selenium WebDriver.**
* Defined **test automation strategy**, designed automated tests, created automated test cases, test plans and executed tests using **Selenium.**
* Performed functional testing to identify various critical points in the application and automated it by using **Selenium.**
* Performed Regression testing for new builds and every modification in the application using **Selenium WebDriver.**
* Worked on **Selenium GUI Object / element** verification is done through **XPath and CSS Locators.**
* Developed various reports and metrics to measure and track testing effort and maintained Requirement Traceability Matrix (RTM).
* During testing life cycle, performed different types of testing like System Testing, Integration Testing and Regression Testing.
* Responsible for keeping up with the test schedule and interacting with software engineers to ensure clear communications on requirements and defect reports.
* Developed **Requirement Traceability Matrix** (RTM) to ensure appropriate level of test coverage.
* 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 WebDriver, SOAP, Eclipse, XPath, CSS, SQL, Agile and Windows.

**QA Tester**

**MidFirst Bank, Oklahoma, Ok | Nov 2016 – Jan 2019**

**Roles & Responsibilities:**

* Responsible for developing test plan by reviewing functional requirements and use case documents.
* Developed test cases for functional and GUI testing of the website.
* Executed test cases manually to verify the expected functionality of the application.
* Extensively tested the graphical user interface components.
* Performed cross browser functionality testing on Internet Explorer, Firefox etc.
* Implemented data-driven test to verify the same functionality with multiple sets of data.
* Analyzed the problems found during manual and automated testing and submitted the bugs using **Quality Center.**
* Interacted with developers regarding defects, verified and closed the defects as they get resolved.
* Actively involved in writing test plans, test scenarios and test matrix **(traceability matrix).**
* Designed and executed test plan based on the functional requirements.
* Wrote test cases for the functional testing of the application in **Quality center.**
* Wrote Test cases based on functional specifications (FRS) and use cases for web based application and checked the functionality of the application.
* Extensively performed Regression, UI, Beta testing and executed manually.
* Review of Modification Requests and validate/prioritize them.
* Analyzed test results and report the findings.
* Execution of System, Integration, End-to-End, and user Acceptance test (UAT) test cases.
* Preparation of Defect Reports, Document and reviewing defects and related metric.

**Environment:** Java,Manual Testing, Quality Center, MS Excel, UNIX, SQL Server and Windows.

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