**Om**

**QA Automation Engineer**

**Email:** [**om6554@gmail.com**](mailto:om6554@gmail.com)

**Ph #: 865-383-0767**

**Professional Summary:**

* Close to **6 years** of experience in Information Technology, with specializing in **Software Quality Assurance Testing,** proficient in testing on **Client/Server** and **Web based applications and** good experience on **Core Java, OOPS** concepts.
* Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as **Agile, SCRUM** andWaterfall Model.
* Proficient in using test automation tools such as **Selenium WebDriver/IDE/Grid, Mercury Quality Center** to develop automation testing scripts for web and client server applications.
* Experience with Mobile Automation using **Appium** automation framework and WebDriver.
* Expertise in debugging issues occurred in front end part of web-based application which is developed using **HTML5, CSS3, Angular JS, Node.JS and Java.**
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Experienced in using **Jenkins** as a **Continuous Integration server** to configure with **GitHub and Maven**.
* Well versed with various testing stages/levels/phases, testing types, testing techniques and quality work products.
* Experience in the development of **Data driven, Keyword driven and Hybrid Automation** frameworks in **Selenium.**
* 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.
* Professional expertise in Smoke Testing, Backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, WebServices, Boundary Value Testing.
* Sound knowledge on **Object Oriented Programming** (OOP) concept. Extensively used Java and Ruby for test case automation. Experience in implementing **TDD** and **BDD.**
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**
* Experienced using **Web-debugging tool like Fire Path and Firebug for finding elements locator.**
* Expertise in Defect management, Bug tracking, Bug Reports and generating the Graphs using Bug tracking tools such as HP Quality Center/ALM, Jira, BugZilla.
* Excellent experience in troubleshooting **software** applications for business functions in major areas of the business and enterprise-wide.
* Outstanding communicator with extensive experience in customer service as well as ability to identify, develop and enhance client relationships

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Testing Tools** | Selenium IDE/RC/WebDriver/GRID, Cucumber, Appium, SOAP UI, REST API |
| **Languages** | JAVA, HTML, XML |
| **Web Technologies** | HTML, XML, CSS, DHTML |
| **Scripting** | Python, JavaScript |
| **IDE** | Eclipse, SQL Developer |
| **Test Framework** | Junit, TestNG, Data Driven Framework |
| **Web Debugging Tool** | XPath, Firepath, Firebug |
| **Build Tool** | Ant, Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | JIRA, Quality Center (QC), BugZilla |
|  |  |
| **Continuous Integration Tools** | Jenkins, |
| **Version Control** | SVN, GIT |
| **Data Bases** | MS Access, Oracle |
| **Operating Systems** | Windows (XP, Vista & 7, 8) Linux, Mac |
|  |  |

**Professional Experience:**

**Sun Life Financial, Windsor, CT Feb 2017 – Till Date**

This project was to upgrade the automation of Mortgage loan Process beginning with customer initiation to the title transfer. It involved developing a risk analysis and modeling system for the collateral pools that has been purchased and securitized. It was intended to help the business users to structure the securities based on mortgage pool characteristics. Credit Risk and Prepayment Risk could be assessed and the system could also determine loss provisions based on the expected range of loss estimated by foreclosure frequencies and loss severity of the mortgages. Implement the trade surveillance requirements. This project followed Agile Scrum methodology.

**Role: QA Automation Engineer (Selenium)**

**Responsibilities**

* Gathered requirements documents such as business requirements and design document and other related documents.
* Reviewed the **Test Basis**, **designed** and documented **Test Strategies, Test Plan, Test Cases** and **executed test cases.**
* End to End Testing of the complete website which was developed using Angular.JS, JavaScript, HTML5, CSS3 and other web technologies.
* Responsible for writing and maintain **Selenium WebDriver** scripts for regression and **functional testing** using **data driven framework.**
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Setup the Automation framework using **Selenium** to run test cases in multiple browsers and platforms
* Responsible for identifying test cases for **manual** and **Automation** with **Selenium WebDriver** for Smoke Test, Functional and Regression Tests.
* Involved in design and implementation of **Selenium WebDriver** automation framework for smoke and regression test suites (TestNG and Maven).
* Configured **Selenium WebDriver, TestNG, Maven tool** and created **selenium automation scripts** in java using **TestNG** prior to agile release.
* Implemented Automated execution of tests (nightly and need based) using **Maven and** **Jenkins**.
* Involved in testing the application utilizing the **Scrum (Agile)** methodology.
* Used **TestNG** framework to run unit test and **Maven** to build the Project
* Involved on **Cucumber** testing and defined the test scenarios and created the test cases in Test Manager.
* Used **Cucumber**automated testing to test new and existing functionality.
* Involved in designing of **automation framework** to be used in UI testing with **Selenium.**
* Execute browser compatibility and regression tests using **Selenium WebDriver** for testing UI for every new build release.
* Created**Python** scripting to test **REST API** functionality for regression setup.
* Implemented simulator for **Mobile App** Testing in Android Platform using **APPIUM.**
* Performed functional tests using **Selenium WebDriver** with data driven framework and documented final results in a database.
* Used **Appium tool,** for mobile testing in Android, IOS and other mobile applications.
* Used the **Firebug** to inspect the **XPath** of the web elements and **Eclipse IDE** for Java development.
* Involved in execution of all types of system testing including: **Integration, Regression, User Acceptance** and **Functional** testing.
* **Identified, Reported** and **Tracked Defects** using **Quality Center/ALM** test management tool.
* **Manually tested**, **verified** and **validated** that the product meets user requirements.
* Developed and executed **SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Extensive **Web Testing & Black box Testing**.
* Performed SOA / web services testing using **SOAP UI**; wrote adaptors to test / invoke web services.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud based code repository system like **GitHub**.
* Performed **End-to-End** testing of database to check data integrity using SQL queries.
* Assisted QA lead in documenting **User Acceptance Test report** and reporting defect resolution.

**Environment:** Selenium WebDriver, Java, Python, TestNG, Cucumber, Agile, SQL, Maven, Appium, SOAP UI, XPath, Firebug, Eclipse, Quality Center/ALM, GitHub, Windows 7.

**Fortress Investment Group, NYC, NY Jan 2015 – Jan 2017**

The project was on online brokerage application providing users to track and manage their portfolios online. The application allows for viewing of account information in real time, to review asset allocation by stocks, mutual funds, fixed income. The project also provides valuable advisory services on Portfolio Management, Fixed Income Security Valuation and Investment Evaluation. The system helps the Financial Planners to calculate the financial indices regarding the Risks and Returns and provides Investment Strategy Suggestions. The Portfolio Management module also covers Risk and Decision Analysis for personal investors.

**Role: QA Automation Engineer**

**Responsibilities**:

* Involved in test cases review by development team, product management and modified the test cases based on their feedback.
* Drafted **Test Plan** which included **testing objectives, testing phases**, scenarios and test environment after a thorough analysis of the business rules.
* Developed Automation framework using **Selenium Web Driver.**
* Established the Environment set up for Mobile Automation using **Appium** Tool.
* Performed functional testing to identify various critical points in the application and automated it by using **Selenium Web-Driver with TestNG.**
* 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.**
* Developed automation framework for **Selenium WebDriver** in Modular Framework model.
* Tested applications developed **in Java with J2EE framework**.
* Used **Selenium WebDriver for** writing test scripts for **regression test coverage.**
* Executed the test plans on Mobile (IOS & Android) as per requirements using **Appium**.
* Design & Develop data driven framework using **Selenium WebDriver, TestNG** and **Apache POI API.**
* Created **Selenium web-driver** automation scripts using **Python** to validate functionality on various browsers.
* Developed and Implemented automation using **Selenium WebDriver** and **Java**. Used **Eclipse IDE** to develop & debug the code.
* Experience **Web Testing & Black box Testing**
* 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 the Continuous Integration of the automation framework with **Jenkins**.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Performed functional testing of **SOAP and RESTFUL Web Services using SOAP UI Tool.**
* Involved in testing Web services and XML with tool called **SOAP UI** and using this tool to locate WSDL file on internet, create Test cases and run them
* Validated SOAP responses by using assertions like **XPath** match, schema compliance, contains, SOAP fault etc.
* Used **Git** as code repository and **Code Collaborator** to manage code reviews.
* Designed data-driven testing framework in **Selenium** and captured data dynamically from web controls.
* Created **manual test cases**, reviewed with different stakeholders to validate the functionality.
* The entire **Ruby** scripting done using **Cucumber framework** Wrote and executed **SQL queries** to verify the data updates to various tables and ensure data integrity.
* Worked with **SOA** architecture which includes Soap **Web Service** and **RestFul Web Service** Testing Conducted **backend testing using SQL queries** to validate data for database.
* Attend the BRI (Business Requirement Identification) meeting to understand the business Requirements.
* Edit and debug tests using Selenium Participated in meeting, teleconferences walk through with the development team, QA manager and Project manager (PM).
* Coordinated with technical support associates to fix proprietary software issues
* Verified, edited and update test data in new or existing systems before testing.

**Environment:** Java, Selenium WebDriver, Jenkins, Maven, Angular JS, Protractor, Cucumber, Python, SOAP UI, RestFul, UTF, XPath, Eclipse, HTML, CSS, JavaScript, XML, Appium, Ruby, Quality Center, SQL, agile, Oracle and Windows.

**Hudson City Savings Bank, Paramus, NJ Apr 2013 – Dec 2014**

This project is an online banking application consisting of various modules like personal Banking, Loan Locking, Pricing, Withdraw, Extend Load Expiry, Funding, Closing, Mortgages, Re-finance, Investment banking, stocks, bonds, Mutual funds, insurance and portfolio/wealth management. It also generates reports based on clients’ loan status like loans missing, collateral documents, loans purchased, loans pending settlement review, loans not cleared for settlement.The personal banking module consists of managing Checking and Savings accounts, balance transfers, bill payments, deposit methods and individual retirement accounts and money transfer. FMS (Funds management system) provides a single source of financial information for the Fund Managers.

**Role: Manual Tester**

**Responsibilities:**

* **Analyzed** business requirements, **documented** business requirements specifications, wrote **Test Plans**, **Test Cases**.
* Worked with development team to understand **technical design** and **architecture** for test planning.
* Worked under waterfall methodology.
* Executed Manual and Automated tests and reports defects by running automated tests; executing manual tests; reviewing results of all tests and reporting anomalies into the defect tracking database; verifying the resolution of all defects for an assigned project.
* Prepared **traceability matrix** to ensure the adequate coverage of the test cases.
* Prepared required documentation for **testing signoff** by various parties as required by the project plans.
* **Assigned, Monitored** and **Tracked Tasks** of Team Members.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Uploaded test cases executed test cases and logged defects in Mercury **Quality Center.**
* Maintained **Traceability Matrix** to track the requirements to the test cases to ensure complete test coverage in the **Quality Center**.
* Connected to database to Query the database using **SQL** for **data verification** and **validation**.
* Performed back end testing on oracle database by writing **SQL quarries.**
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Interacted 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.

**Environment:** Java, Manual Tester, Quality Center, MS Visio, HTML, Java Script, Oracle, VSS, UNIX**.**