**Sneha**

**QA Engineer**

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**Ph #:**

**Professional Summary**

### Over 7 years of experience in Software analysis & Software Quality Assurance Testing of Web, Mobile and Cloud Native Applications

* Extensive expertise in QA in Manual and Automated Software Testing using **Selenium WebDriver, TestNG, JUnit, Jenkins, SOAP UI, Cucumber, Quality Center, Software Quality Assurance Testing.**
* Expert in Software Development Life Cycle (SDLC) as well as Software Testing Life Cycle (STLC) and the Role of **QA** in different testing methodologies like **Agile (SCRUM), TDD, BDD, ATDD** and Waterfall etc.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality **Center/ALM**, **JIRA.**
* Well Versed in designing and implementing different automation frameworks from starch like **Page Objects framework, Keyword Driven framework, Data Driven framework and Hybrid framework**
* Proficient in **Functional Testing**, **Integration Testing**, **Manual Testing**, **Regression Testing**, **Unit Testing**, **Black-box** **Testing**, **White-box Testing**, **Grey Box Testing**, **Graphical User Interface** (**GUI)** **Testing**, **System** **Testing**, **API** **Testing**, **User Acceptance Testing** (**UAT**) Browser Compatibility Testing.
* Experience in using **Maven** and **Selenium** **Grid** to execute Selenium automation suites on different platforms, browser combinations in parallel.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA.**
* Experience in testing Mobile Apps using Android Studio and Real Devices to test the application using **Appium** and **Appium** **Desktop.**
* Good experience in testing both **SOAP** and **REST** services using **SOAP UI,** **Postman**, **Rest Assured** and Tested both **XML** and **JSON** formats.
* Worked with the **SQL** statements to extract data from SQL tables and verify the output data of the reports on the browser page.
* Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.
* Highly motivated team player with analytical, organizational, and technical skills, unique ability to adapt quickly to challenges and changing environments.
* Expertise in setting up and carrying out browser compatibility testing environment with different browsers and versions of Internet Explorer, Mozilla Firefox, Google chrome on different OS like windows.
* **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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| **Testing Tools** | Selenium WebDriver/IDE, Cypress I/o HP Quality Center/ALM, Cucumber, SOAP UI, POSTMAN, REST ASSURED, READY API |
| **Languages** | Java, JavaScript, HTML, XML |
| **Scripting** | Java Script |
| **Build Tools** | Ant, Maven |
| **Frameworks** | Junit, TestNG, TDD, BDD |
| **Firefox Add-ons** | XPath, XPathchecker, Firebug |
| **Bug Tracking Tools** | JIRA, HP Quality Center/ALM |
| **Continuous Integration Tools** | Jenkins |
| **Databases** | PL/SQL, Oracle, MySQL |
| **Platforms** | Windows, UNIX, LINUX |

**Professional Experience:**

**Client: Bank of America, TX March 2022 – Sep 2023**

**Role: QA Lead**

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both from technical and business perspectives.
* Managed Offshore Team for Daily status and tracking and monitoring test progress throughout the project cycle.
* Worked on System Test Plan Preparation, Requirements Streamlining and Traceability Matrix
* Participated in writing Test Plan, Test strategy & Test Scenarios based on software documentation from business, technical and functional requirements.
* Worked with developers for complete overview of the issues, updates on application to meet the goals on time.
* Analyzed test results, tracked the defects, and generated reports using **JIRA.**
* Actively participated in daily Scrum meetings and involved in bi-weekly Sprint releases.
* Analyze business requirements and FSD documents to create & execute test cases in **JIRA.**
* Automation of API's using Postman and SOAPUI Pro.

**Environment**: SOAPUI Pro, Post Man, Azure DevOps, Eclipse, Jenkins, ALM

**Client: M&F Bank, Durham, NC Feb 2021 – Feb 2022**

**Role: QA Automation Engineer**

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both from technical and business perspectives.
* Worked with developers for complete overview of the issues, updates on application to meet the goals on time.
* Involved in design and implementation of **Selenium WebDriver** **automation framework** for smoke and regression test suites **(TestNG and Maven).**
* Developed custom libraries **for automation** using **JAVA &Selenium WebDriver**.
* Created and executed automation test cases using **Selenium WebDriver/Cucumber framework** for Web App and **Appium / Cucumber** for Mobile App.
* Created Java based scripts for **Selenium WebDriver** with **TestNG** as automation framework.
* Developed automated tests in partnership with developers for continuous regression testing and reducing manual testing using **Selenium, TestNG, and Maven**.
* Involved in creation of automation framework in **Selenium** **WebDriver** using behavior driven approach like **Cucumber**. Extensively used **Page Objects design** and **page navigation** framework for readable test script and easy maintenance from developer perspectives.
* Performed testing on Web Services using **REST ASSURED**, **Postman** to test Restful webservices.
* Used **Selenium WebDriver** using **TestNG** and Eclipse for **automation in Hybrid model**.
* Monitored the test execution in **Jenkins** once the code was pushed into Continuous Integration.
* Used Browser Stack to execute test scripts periodically and in parallel for different browsers and platforms.
* Performed web services testing with **Postman** by validating request and response for **XML,** **JSON files.**
* Involved in **Cucumber** testing and defined the test scenarios and created the test cases in **JIRA.**
* Involved in Defect Management, Defect Review and Defect Status Reporting.
* Performed Regression testing on new builds, every modification in the application using **Selenium WebDriver.**
* Analyzed test results, tracked the defects and generated reports using **JIRA.**
* Actively participated in daily Scrum meetings and involved in bi-weekly Sprint releases.
* Analyze business requirements and FSD documents to create & execute test cases in **JIRA.**
* Interacted with other external teams for environment/license issues, external services availability, and work towards resolution.
* Participated in QA weekly meetings and various other meetings and discussed Enhancement and Modification Request issues and defects in the application.

**Environment**: Java, Selenium WebDriver, Eclipse, Jenkins, REST ASSURED, Appium, TestNG, Cucumber, Agile (Scrum) methodology, JIRA, POSTMAN, SQL, XML, GIT, Maven, Windows.

**Client: Carter’s, Atlanta, GA Sep 2018 – Jan 2021**

**Role: QA Engineer**

**Responsibilities**

* Active participant of QA reviews and inspections to find potential defects and recommend corrective action.
* Performed UI testing on various builds.
* Performed manual testing using different black box testing methods like ad-hoc, functional, UI, system, and regression testing.
* Performed Cross- Browser and Cross –Platform testing to verify the application consistency on various builds in different web browsers and in different operating systems.
* Performed regression testing on various builds for UI and Functional Validations.
* Developed modular & robust automation framework using **Selenium WebDriver, Cucumber, TestNG and Java.**
* Selected the Test Cases to be automated and performed functional testing of the front-end using Selenium Web Driver& created Data Driven framework using TestNG.
* Performed Selenium Synchronization using Explicit & Implicit waits.
* Used Selenium WebDriver and TestNG to run parallel testing by creating Groups and categorizing test cases.
* Created test reports generated out of TestNG and captured the error screenshots.
* Implemented simulator for Mobile App Testing in Android Platform using **APPIUM**.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Implemented Automated execution of tests (nightly and need based) using **Maven and Jenkins.**
* Configured **Selenium WebDriver, Maven** tool and created Selenium automation scripts in Java using **TestNG** prior to agile release.
* Developed manual and automated test cases to validate RESTful API web service.
* Developed re-usable function using **TestNG** for the Test Automation.
* Used BDD Cucumber by creating the Features and Step Definition files to execute test scripts.
* Created automation test scripts using **Selenium WebDriver** and **Java** and involved in resolving existing test script issues in Selenium WebDriver.
* Worked on Capturing Screenshots on Failure or Pass to analyze the test failure reason. Coordinated with application team to ensure resolution of all issues and completion of work on time.
* REST API testing using Postman on production post release.
* Automation of API's using Postman and REST ASSURED, Automated the APIs in Postman using JavaScript.
* Performed Web Services Testing and XML validation by creating test case suite using **SOAP UI.**
* Worked with the **SQL** statements to extract data from SQL tables and verify the output data of the reports on the browser page.
* Used **CSS Selector** to identify objects.
* Partnered with development to attain optimum quality of software.
* Developed automation test cases, executed these test scripts from test lab and logged defects in JIRA.
* Played a key role in production releases and perform UAT test of the system.

**Environment**: Java, Selenium WebDriver, Eclipse, TestNG, Maven, Cucumber, Appium, Jenkins, REST ASSURED, XPath, POSTMAN, JIRA, SQL, Windows.

**Client: FCCI Insurance Group, Sarasota, FL Dec 2016 – Aug 2018**

**Role: QA Engineer**

**Responsibilities:**

* Responsible for identifying Test cases for Automation and Writing scripts, executing test cases, and debugging.
* Involved in writing **Test Case** by using **Wireframe, Design docs** and **Acceptance Criteria.**
* Drafted **Test Plan** which included **testing objectives, testing phases**, scenarios, and test environment after a thorough analysis of the business rules.
* Developed and Implemented automation using **Selenium WebDriver** and **Java**. Used **Eclipse IDE** to develop & debug the code.
* 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.
* Used **Selenium WebDriver for** writing test scripts for **regression test coverage.**
* Design & Develop data driven framework using **Selenium WebDriver, TestNG** and **Apache POI API.**
* Used **Maven** to build and run the **Selenium automation framework**. Wrote Script to send the automation reports over email.
* Involved in the Continuous Integration of the automation framework with **Jenkins**.
* Integrated the test suites with **Jenkins** to execute them automatically after every successful deployment.
* Worked on **Data Driven Framework** and **MVC** for Automation test scripts.
* Involved in testing **RESTful** 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.
* 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.
* Worked with **SOA** architecture which includes **RESTful Web Service** Testing Conducted **backend testing** using **SQL queries** to validate data for database.
* Designed **Hybrid Appium Test automation** framework for the application (Android apps).
* Used **JIRA** to define requirements, **design test steps**, **run as test set, report, track** and **close bugs**.
* Attending the BRI (Business Requirement Identification) meeting to understand the business Requirements.
* Communicate testing status to QA lead, project managers, and teams who are involved in User Acceptance Testing.
* 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 updated test data in new or existing systems before testing.

**Environment:** Java, Selenium WebDriver, Jenkins, Maven, Cucumber, Appium, SOAP UI, RESTful, XPath, Eclipse, XML, JIRA, SQL, agile, Oracle and Windows.

**Client: Quantum National Bank, Suwanee, GA Sep 2015 – Nov 2016**

**Role: QA Tester**

**Responsibilities:**

* Developed manual and automated test cases to test the functionality of the application.
* Worked on System Test Plan Preparation, Requirements Streamlining and Traceability Matrix in ALM.
* Developed and executed test cases for integration, system and regression testing throughout the software development life cycle.
* Performed Functional testing and Published test summary reports.
* Participated in writing Test Plan, Test strategy & Test Scenarios based on software documentation from business, technical and functional requirements.
* Performed end-to-end testing of application and verified compliance for software quality standards of the organization.
* Conducted weekly meetings with the developers and build team.
* Implemented Recovery Scenario to handle unexpected events or errors.
* Tracked, Reviewed, Analyzed and Compared defects using **Quality Center**.
* Participated in Test Case review and Test case sign off meetings.
* Tested in Development, Staging and Production Environments.

**Environment**: Manual Testing, SQL, Java, Quality Center.

**Educational:** Bachelor’s in Science - 2008