**SAI Adireddy**

[saiadireddy0606@gmail.com](mailto:saiadireddy0606@gmail.com)

(214) 702-3452

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**Professional Summary:**

* **Selenium QA Tester** Around 9 years of experience in Test and software testing processes like Test Planning, Test Cases Design, Test Environment Setup, Test Data Setup, Defect Management, Test log, Test results, Test Traceability Matrix, Test Automation, User Acceptance Testing.
* Strong expertise in **SDLC**, Project Management and testing lifecycle methodologies like **Agile,** **Waterfall methodologies.**
* Extensively proficient in Black Box, White Box, Functional, Integration, GUI, UAT, System, Usability, regression, Backend, Nonfunctional, Manual and automation testing, Security, Stress, Load, reliability, Stability.
* Experienced in **Behavior Driven Development (BDD)** and **Data Driven Development**.
* Automated test cases using **Java**, **Cucumber**, and **Selenium**.
* Experienced in Mobile application testing using perfecto and sauce labs, smart phones, tablets and desktop devices.
* Well experienced testing on mobile platforms such as **iOS** and **Android**.
* Experience in creating test metrics and coordinating overall testing between **QA**, **Development**, **Business** and **UAT** group and maintaining offshore group.
* Experience in Web Services testing using **SOAP UI** and **POSTMAN**.
* Create complete solution for continuous integration tool such as **Jenkins/Hudson** from code checkout from **GitHub** to regression report generation.
* Good experience in automated testing tools **Selenium Web Driver**, **Junit** and good exposure on tools like **Eclipse**, **JIRA**, **Bugzilla**, **HP Quality Center**, **Microsoft Team Foundation Server (TFS)**, **Microsoft Test Manager (MTM)**, **Test Link** etc.
* Experienced with test frameworks, such as: **JUnit**, **TestNG**, **Cucumber** frameworks.
* Good experience in **OOPS** using Core Java and extensively used classes, objects, data structures, inheritance, polymorphism, exception handling, packages, collection, reflection and many more.
* Expertise in grouping of test suites, test cases and test methods for Regression and Functional testing using Robot tags
* Involved in Automation Testing using TOSCA
* Good understanding of **Quick Test Professional** features like Object Repository, Checkpoints, Object identification, Descriptive Programming, Exception Handling, Regular expression and Object Spy.
* Proven ability in designing and creating automation frameworks using Java, Selenium WebDriver, Robot Framework, Cypress, Karate, Junit, TestNG, Appium, Maven, Jenkins tools
* Coded many helper and Utility classes in Java. Used **Java Log4j** logging framework for logging and debugging.
* Experience understanding code written in different programming languages **Java**, **HTML**, **CSS**, **Java Script** and databases like **Oracle**, **SQL** Server.
* Working experience with testers, developers and other project team members, testing complex projects and software product enhancements.
* Proficiency in using various Oracle utility tools such as **SQL Plus**, **TOAD**, **PL/SQL Developer**, **SQL Loader**, **Oracle Forms**.
* Good knowledge in **AWS Cloud** with a good understanding of other cloud-based platforms.
* Good at multi-tasking and working well under tight deadlines with high efficiency.
* Excellent troubleshooting, project management and problem-solving skills.

**Technical Skills**:

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| **Testing Tools** | Selenium Web driver/Grid, Junit, TestNG, Postman, SoapUI, HP Quality Center/ALM and Cucumber, JMeter, GIT, Glass Box, Splunk log, Cypress, Maven, Tosca, Selenium Appium driver. |
| **Defect Tracking Tools** | Jira, Quality Center, Team Foundation Server, ALM QC, Rally, Bugzilla. |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP. |
| **Languages** | Java, Python, SQL, PL/SQL, UML, JavaScript. |
| **Testing Framework** | TestNG, JUnit, Cucumber, Page Factory, POM, |
| **Methodologies** | Agile (Scrum), Waterfall. |
| **Databases** | MY SQL, Oracle, SQL Server, MS-Access |

**Professional Experience:**

**Fidelity Investments, Southlake, Texas**  **Oct 2023 – Present**

**Project Name: AIE Reporting**

**Role: Sr. Software Test analyst/SDET**

**Responsibilities:**

* Experience working with **Agile Scrum** methodology.
* Excellent in Automated Testing using **Perfecto**.
* Identifying and documenting test automation scenarios.
* Experienced in Automated Testing using tools like **Selenium** (Web Driver, Appium) using **Java.**
* Used Emulator and Simulator to make sure the app works on iOS and Android devices and there are no UI issues.
* Having multiple automation framework (BDD/ TESTNG) experience.
* Worked on mobile app automation with Appium.
* Worked on Behavior-driven development (BDD) framework with selenium for web testing.
* Wrote scenarios using Gherkins and generated step definitions and methods using **Cucumber** for different functionalities of the applications.
* Working experience with **Page Factory**.
* Developed and implemented TestNG based automation framework using Java, Selenium, Appium Web Driver and Page Factory.
* Experienced using **JIRA** for global test management, bug tracking and reporting.
* Used **Postman**, Selenium with **Rest Assured** Cucumber BDD framework, ReadyAPI by SmartBear tool to test RESTAPI.
* Integrated Regression Suite for End-to-End applications using **Jenkins** Continuous Integration.
* Excellent in Manual Testing.
* Created UI Automation script using Cypress
* Identify user stories and translate them into Test cases.
* Creating RTM Matrix for the user stories.
* Execute test cases to ensure that the application development is according to the quality assurance standards.
* Worked with tools: Robot Framework, Selenium, Cypress, Core Java, Maven, POM, Jenkins, GIT, JIRA, API Automation using Postman & Karate
* Performed smoke, regression, and sanity tests to validate the changes for different functionalities.
* Worked on test case designing in Jira, executing the testcases, capturing the results and reporting to development team if there were any defects.
* Execute Integration test cases covering all integration points with other applications.
* Coordinating the defect triage calls with the development team and testing team.
* Coordinate with business stakeholders, clients, designers, developers, and engineers building the expected application.
* Worked with all modules of TOSCA like , Modules, Testcases, Requirements, Testcase Design & Execution Lists.
* Implemented Tosca as the primary test automation tool, increasing test coverage and reducing manual testing efforts.
* Based on the requirements will work with UAT team on UAT test strategy, UAT test data, and execute tests on UAT.
* Involved in Audit testing using **MySQL**.
* Used **Glassbox** for app crash analysis.
* Experienced using **Splunk** for Logging and Monitoring.
* Involved in Postproduction verification.
* Assisted and was key part in transition of QA's to QE by training them on Robot framework & Selenium and helped them get up to speed.
* Analyze and document current systems and processes as currently implemented.
* Responsible for providing Risk Assessments, Test Plans, Testcases, executing test cases and creating Test results within an AGILE software development SCRUM environment.
* Make recommendations for improvements based on client feedback.

**Environments:** Java, Selenium Appium Driver, Page Factory, TestNG, Cucumber, Rest Assured with Cucumber, MySQL, Jira, Agile methodology, Tosca,Eclipse, Maven, Cypress,Jenkins,Postman, ReadyAPI, Bitbucket, Perfecto Mobile, JMeter.

**Cigna, Lafayette, Louisiana**  **Apr 2023 – Sep 2023**

**Project Name: UMCM**

**Role: SDET**

**Responsibilities:**

* Used **Agile** methodology in developing the application, which includes iterative application development.
* Executed and scheduled the automation test scripts.
* Collaborated with the business and technical teams and took the responsibility to document the functional and technical specifications in the business requirements analysis phase.
* Responsible for providing Risk Assessments, test Plans, test cases and executing and creating Test Results within an **AGILE** software development **SCRUM** environment.
* Designed, developed and implemented POM based automation testing framework utilizing **Java**, **TestNG** and **Selenium Web Driver**.
* Used **Selenium Grid** to execute parallel tests on multiple browsers - **IE**, **Chrome**, **Firefox** and **Safari**.
* Hands-on experience with **Manual Testing**, **Automated Testing** using **perfecto** & **Sauce Labs.**
* Experienced in performing manual testing (Android emulators & iOS Simulators) & Mobile Application Testing using Android SDK and setting up mobile device Emulator to test application and to get log files.
* Prepare automation scripts using Selenium with Java, TestNG, Soap UI, SQL, Rest Assured and **NodeJS, Appium, Cypress, Karate.**
* Used iOS simulator to make sure the app works on all devices and there are no UI issues.
* Experienced in manual testing and automated testing using tools like **Selenium** (**Web Driver**) using **Java**.
* Experienced using **HP Application Life Cycle Management (ALM) a**nd **JIRA** for global test management, bug tracking and reporting.
* Developing and execution of automation test scripts in Robot Framework RIDE using Selenium Web Driver
* Wrote Gherkins/scenarios and generated step definitions and methods using **Cucumber**, for different functionalities of the above applications. Performed **regression tests** to validate the changes for different functionalities, found defects and reported them to development using **Quality center**.
* Worked on **Test-driven/Behavior-driven development (TDD/BDD)**, automated **unit testing**, refactoring, and extensive pair programming.
* Worked on source version control tools such as **Subversion (SVN), TFS** and **GIT**.
* Used **SOAP UI** tool to test SOAP based architecture application to test **SOAP** services and **RESTAPI.**
* Tested **REST APIs** using **POSTMAN** tool.
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment. Used **ANT** and **MAVEN** as a build tool on java projects for the development of build artifacts on the source code.
* Involved in executing **SQL** queries and **PL/SQL** procedures, functions and packages for backend testing.
* Successfully Completed **User Acceptance Testing (UAT)** on each release of the project with the help of end user requirements.
* Actively worked with performance testing team.

**Environments:** Java, Selenium Web Driver, Maven, Cypress,TestNG, Jenkins, XPath, Eclipse, SOAP UI 4.0, JIRA, Git, REST API’s, POSTMAN, SQL, Oracle, Tosca, JMeter, Perfecto Mobile.

**Intuit,** **Mountain view, CA**   **Dec 2022 – Apr 2023**

**Project Name: HR Dashboards**

**Role: Sr QA Analyst**

**Responsibilities**:

* Analyzed the scope of automation in the existing manual testing scenarios and presented the automation proposals with scope and test coverage.
* Automated **E2E** scenarios for **Regression** and **SIT** scenarios.
* Coded Selenium scripts in Java.
* Created a stable Automation framework using **Selenium WebDriver** that provided Reporting, Logging & validations.
* Implemented **Data driven Framework** in automation.
* Using Build tools like and **Ant** and Integrated with **Maven** to run the scripts.
* Created, Upgraded and executed Regression Test Scripts for every Sprint cycle.
* Created **Functional tests** for System testing.
* Created Automation Test scripts for **UAT** using **Cucumber-Selenium**.
* Implemented **TestNG framework** embedded in the custom-tailored framework of the client.
* Maintained & Updated automation scripts in TFS and **Git Hub**.
* Participated in the R1 to R11 Release testing.
* Implemented the Page Object Model and Page Factory Design Patterns.
* Created automated scripts using the flow diagrams, Test scenarios and Requirements.
* Automated the entire suite of Regression scenarios of iOS application used at the store to process the orders in Selenium/Appium/IOS.
* Worked for TOSCA integration with Jenkins.
* Performed Functional, System Testing, SIT and Regression testing for the new UI.
* Integrated Regression Suite for End-to-End applications using **Jenkins Continuous Integration**.

**Environments:** Selenium WebDriver, TestNG, Data Driven framework, Cucumber SQL Server, Oracle, Java, Jira, Agile methodology, SOAPUI, Maven, Ant, Jenkins.

**Client: Union bank, Hyderabad, India Dec 2019 – Oct 2022**

**Project Name: VMS**

**Role: QA Automation Engineer**

**Responsibilities**:

* Helped in preparation of test plans in accordance with the business requirements.
* Developed and Executed **Automation** and **Manual test** cases for **Functional testing** of various modules of the application.
* Responsible for executing **Selenium test scripts** on different browsers and checking for compatibility.
* Executed Automation Testing for **Java/J2EE** applications using **Selenium IDE**, Selenium **RC**.
* Developed **Selenium RC** Scripts using **java** and **JUnit** covering all requirements for enhancements.
* Involved in Automation of Web Application using **Selenium IDE**.
* Created automated scenarios using **Selenium** for **regression** and **Data-Driven testing**. Involved in executing automated test cases using **Selenium WebDriver** to automate manual testing solutions.
* Used **Selenium IDE** for recording and involved in developing new Selenium Scripts using **Java API** to automate Web Application Testing.
* Used **SQL** queries to perform the **back-end testing** on **Oracle**.
* Worked with users on **User Acceptance Testing**.
* Involved in tracking and reporting defects using **QC** and was also responsible for communicating the status to the development team.
* Used **HP Quality Center** to report defects and test results.

**Environments:** Java, Selenium RC, Selenium IDE, Selenium Web Driver, Firebug, SQL, HP Quality Center, Oracle and Windows.

**General Electric, Hyderabad, India Aug 2016 – Dec 2019**

**Project Name: GE Corporate**

**Role: Software Test analyst**

**Responsibilities:**

* Participated in the requirements gathering sessions and reviewed functional, non-functional requirements.
* Experience in **Functiona**l and **regression testing**.
* **Manual test** execution/design and **Automation test** execution/modification
* Created automated scenarios using **Selenium** **WebDriver** & **Java.**
* Locators for identifying the elements in the page. And scripted them using Javalanguage.
* Execution of generated **Test Cases** and editing the test cases
* Involved in writing the test plans, test cases and involved in the process of analyzing the expected and actual results.
* Preparing Test Bed and collecting information related to scenarios to be included based on the migration impact.
* Understanding the Business requirement and domain knowledge. Executing the scripts under the defined time frame.
* Responsible for task assignments, team management, test execution and for preparing daily status report, weekly status report, monthly client presentation, audit report and QC report.
* Preparing other reports - **UAT Defect analysis report**, **Test execution reports**, **Defects reports** and other reports as per the client\ organization requirement.
* Performed **QA** activities like Metrics Collection, Analysis for an initiative, Test Bed Preparation/Review**, Task Allocation**, **Defect Linking**, **Requirement Coverage** and **QC Review/Audit**.
* Logging, tracking and validating defects for closure.
* Involved in interacting directly with the onsite coordinators & clients specific to the project for functional understanding.

**Environment:** Quality Center, java, Selenium webdriver, JIRA, MS Word, Excel, PowerPoint, Outlook.