**SOFTWARE DEVELOPMENT ENGINEER IN TEST**

 **Sai Adireddy**

raj@abntechcorp.com

 469-722-7347

# Professional Summary:

* Selenium QE/QA Tester with 8 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, Cypress 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.
* Good understanding of Quick Test Professional features like Object Repository, Checkpoints, Object identification, Descriptive Programming, Exception Handling, Regular expression and Object Spy.
* Coded many helper and Utility classes in Java. Used Java Log4j logging framework for logging and debugging.
* Perform manual testing of Salesforce applications, including functional, regression, and integration testing.
* Used Gradle to automate build processes, streamlining the integration of test automation with the development workflow.
* Integrated automated test cases into CI/CD pipelines (Jenkins, GitLab CI), enabling seamless continuous testing during each build and deployment cycle.
* Collaborated with developers and DevOps teams to ensure CI/CD best practices were followed for efficient code releases.
* Implemented automated testing solutions that were integrated into CI/CD pipelines using CircleCI and Jenkins.
* Utilized Gradle for build automation, improving build times and consistency across environments.
* Stay updated with Salesforce updates and new features.
* Used Devops pipelines in building and deploying code to production environment.
* 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.
* Maintained Quality Release Criteria for successful Release Management by ensuring all the features are covered in the test cases, Maintained Release Notes.

# 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, Maven, Selenium Appium driver, TOSCA, Cypress |
| 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, Westlake, Texas Oct 2023 – till date

Project Name: AIE Reporting

Role: Sr. Software Test analyst

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.
* Participated in integrating test cases into CI/CD pipelines using Travis CI, enhancing automated test deployment for quick feedback on builds.
* 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.
* Developed and maintained test scripts using JavaScript for end-to-end testing of applications.
* Utilized TypeScript to write strongly-typed automated tests, improving code quality and reducing runtime errors.
* Analyzed chatbot interactions to evaluate user experience, identifying areas for improvement and enhancement.
* Utilized Zephyr for comprehensive test case management, including test case creation, organization, and execution tracking.
* Created reusable testing modules and libraries in TypeScript to streamline test development processes.
* Creating RTM Matrix for the user stories.
* Continuous Development (CD)/ Continuous Integration (CI) using pipelines to automate the build and compilation of the code whenever changes are made.
* Used Devops pipelines to ensure that the code is error-free and ready for deployment.
* Execute test cases to ensure that the application development is according to the quality assurance standards.
* 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.
* Coordinate with business stakeholders, clients, designers, developers, and engineers building the expected application.
* 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.
* 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, Zephyr, Agile methodology, Eclipse, Maven, 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.
* Automated browser testing using WebdriverIO, ensuring cross-browser compatibility and functionality.
* Designed and executed test suites using WebdriverIO, focusing on UI and API testing.
* 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.
* Created automated tests using Playwright for end-to-end testing of modern web applications.
* Leveraged Playwright's capabilities to handle multiple browser contexts and parallel test execution.
* 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) and JIRA for global test management, bug tracking and reporting.
* 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.
* Develop and maintain automated test scripts in JavaScript to validate the functionality, performance, and security of web applications.
* Utilize JavaScript testing frameworks such as Mocha, Jasmine, Jest, or Cypress to write unit, integration, and end-to-end tests.
* 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.
* Utilized Playwright’s advanced features, such as network interception and screenshots, to enhance test reliability and debugging.
* 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, TestNG, Jenkins, XPath, Eclipse, SOAP UI 4.0, JIRA, Git, REST API’s, POSTMAN, SQL, Oracle, JMeter, Perfecto Mobile.

Intuit, Mountain view, CA Dec 2022 – Apr 2023

Project Name: HR Dashboards

Role: 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.
* Integrated WebdriverIO tests with continuous integration systems to automatically run tests on every code change.
* Utilized WebdriverIO's built-in utilities for handling complex browser interactions, including file uploads, dropdowns, and modal dialogs.
* 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.
* Implement test scripts for frontend UI testing using Selenium WebDriver, WebdriverIO, or Playwright with JavaScript.
* 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.
* 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 2017 – 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 Functional 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 Java language.
* 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.