**SDET/Sr. QA Automation Engineer**

 **Jhansi Ande**

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**PROFESSIONAL SUMMARY:**

* 10+ years of experience which includes various types of SDET testing, functional, security, performance, automated, acceptance and Selenium testing.
* Diversified experience as Quality Analyst and Engineer with testing of stand - alone, client server, web-based Database, Enterprise, Mobile applications.
* Excellent understanding of Software Quality Assurance Techniques and strong knowledge of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Extensive experience in implementing QA Methodologies, Test Plans, Test Cases, Test Scenarios and test deliverables for various applications.
* Expertise in functional testing, integration testing, regression testing, black box testing, white box testing, unit testing, GUI testing, system, Regression, integration, and UAT testing browser compatibility testing.
* Proficient in different forms of testing like manual testing, unit testing, integration testing, regression testing and non-functional testing.
* Skilled in developing and executing test cases manually and developed automation scripts with Selenium Suite, Selenium Grid.
* Executing test cases, reporting bugs and reporting tester status, writing test scripts, test automation using testing tools like Selenium WebDriver, Cucumber & SOAP-UI Appium
* Expertise in Set up of Selenium WebDriver on TestNG Framework using Eclipse IDE
* Experienced in working with unit testing frameworks like Junit and TestNG frameworks.
* Good experience in development of iterative and detailed project management plans and schedules using Agile-SCRUM methodology.
* Tested both salesforce configuration changes and custom changes.
* Expertise in writing and executing Test Scripts to implement Test Cases, Test Scenarios.
* Expertise with Core Java and Object-Oriented Concepts (Encapsulation, Abstraction, Inheritance, Polymorphism and Exception Handling).
* Testing the security of the hosting infrastructure and testing of web applications.
* Implementation of parallel execution in the automation framework to do browser compatibility testing, using IE, Chrome and Mozilla.
* Experienced in working with different software methodologies like Agile, scrum and waterfall methodologies.
* Managing the testing team by delegating tasks and tracking the same.
* Experience in End-to-End testing, Ad-hoc testing.
* Experienced in Designing and implementing BDD Framework using Cucumber with WebDriver.
* Knowledge of Keyword Driven Framework, Data Driven Framework and Hybrid Framework from scratch.
* Gathered specifications and requirements to develop Test Plans and to create Test Cases using Quality Center.
* Created and executed detailed function Test cases based on the business requirements.
* Developed automated tests in Java using Selenium RC, Junit and TestNG.
* Developed Web Client Test Cases based on Business Rules.
* Experience in testing APIs/web services - Confidential and REST API
* Experienced in testing applications like Web and Mobile Applications (IOS and Android).
* Proficient with developer tools, such as Eclipse, Git and GitHub for developing on the Java stack.
* Experience automating build processes by Maven.
* Experience in application deployments and continuous integration system like Jenkins

**TECHNICAL SKILLS:**

**Testing Tools**: Selenium IDE, WebDriver, Grid, GLIDER ,QC/ALM, JIRA, BugZilla, TestNG, Junit, ALM, FileNet, Tricentis TOSCA.

**Web Technologies**: Java Script, VBScript, HTML, XML

**Web Services Testing**: Confidential and REST API

**Web Debugging Tools**: Fire Bug, FirePath, Fire Finder, WebDriver Element Locator

**Databases**: Oracle 11g/10g/9i, My SQL, DB2, SQL Server 2008, SQL Server 2005, MS-Access, MS-Excel, MS-SQL Server

**Frameworks**: Junit, TestNG

**Languages**: C, C++, SQL, Java, Groovy

**Operating system**: MS Windows 2000/XP/7/8, MAC, UNIX

**Build Tools**: Ant, Maven, Jenkins, GitHub

**Tools/ IDE**: VMware Workstation, Notepad, Notepad++, Eclipse

**PROFESSIONAL EXPERIENCE:**

**Heptaware Technologies, illinois. March 2023 to Present**

**SDET Automation Engineer**

**Responsibilities:**

* Gathered specifications and requirements to develop Test Plans and to create Test Cases using Quality Center.
* Actively participated in agile testing and completed tasks on time for each sprint to meet the deadlines.
* Wrote automated client-side GUI testing code using Selenium.
* Used Postman makes direct calls to the browser using each browser’s native support to automate the AUT from within the browser.
* Involved in executing all Selenium test scripts on the different browsers and checked for compatibility.
* Executing Test Cases, Test Plans and Analyzing the Test Results.
* Proficient in building Automated test scripts using Selenium webdriver with Maven dependencies and source control through GIT.
* Tested the complex next generation features for Salesforce CRM.
* Sole performance of API testing with different sub-systems as a part of Back-end test.
* Designed and implemented UI Automation frameworks like Cucumber BDD and hybrid framework with Selenium WebDriver using the Page Object Model design pattern.
* Building/maintaining and refactoring effectively automated tests on multiple environments as a standalone.
* Hands-on experian credit card issuer's bank checks the validity of the card and ensures you have sufficient funds.
* Designed and developed automation test scripts using the Selenium Web driver and managed testing activities using Rally and Worked on Git, Bitbucket repositories.
* Involved in testing REST services using Rest Assured and tested both XML and JSON formats.
* Update the framework with helper methods if any while developing REST API automation scripts in Tosca.
* Performed System Testing, Functional Testing, Sanity Testing, Regression Testing and Usability Testing. Used manual and automated scripts for testing the Application.
* Executed test script with READY API.
* Investigated software bugs and maintained reports, tracked defects.
* Implemented automated API tests using GLIDER, validating the functionality and reliability of backend services.
* Tested many features in an agile environment using Spring Boot, HTML5, CSS, JavaScript.
* Involved in testing Web services (SOAP and REST) and Spring Boot with tool SOAP UI, for local WSDL with URL and created Test cases for load testing.
* Implemented a Continuous Delivery pipeline with Jenkins and Bitbucket .
* Experience in Test Driven Development and Behavior Driven Development.
* Expertise in developing Automation frameworks using JAVA.
* Tested Restful, Ready API and Soap API using POSTMAN and Soap UI.
* Provide Salesforce best practices and customizations with regarding to SDLC.
* Automated Test Cases and Steps by using concepts Overloaded Function, Variable, Spring Boot(single and multi-dimensional) and conditional logic to make script more logical and Debug Java Script.
* Updated Existing Frameworks using tools like Selenium Cucumber Web Driver, Q-test reporting frameworks, Page Object Model using Page Factor.
* Developed automation scripts using Python and relevant libraries (e.g., Selenium, Appium, PyTest) for web, mobile, and API testing.
* Tested both salesforce CRM and Seibel CRM as a part of End to End testing.
* Used Selenium automation (Test NG) to different types of browsers to perform Cross Browser Testing.

**Environment**: Manual Testing, Agile Methodology, JavaScript, UNIX, MS Office, SQL Server, WebDriver, Grid, QC/ALM, Bugzilla, TestNG, FileNet, Junit, ALM, Rally, Maven, Jenkins, Postman, JAVA.

**Macy’s, Atlanta, GA July 2021 to Feb 2023**

**SDET Automation Engineer**

**Responsibilities:**

* Created and executed detail function Test cases based on the business requirements.
* Developed automated tests in Java using Selenium RC, Junit and Ant.
* Involved in setting up configuring the testing environment with Eclipse, Junit, and Selenium WebDriver and Selenium Java client driver.
* Coordinate with Developers, users and various members of the team to discuss and resolve defects as well as their priorities / severity.
* Worked on Selenium for creating and executing test cases for functionality testing of a web app.
* Involved in defining test automation strategy and test scenarios, created automated test cases, test plans and executed tests using Selenium WebDriver.
* Developed automated tests using Selenium WebDriver with developers for Continuous regression testing (Jenkins) and reducing manual testing using Selenium, Cucumber and Maven.
* Designed and implemented a robust automation framework for GLIDER, ensuring scalability and maintainability.
* Used Firebug and FirePath to write automated test scripts using XPATH.
* Used SOAP UI for functional testing by developing Sprint based Test Suites for SOAP API's.
* Performed GUI testing, Functional testing, Integration testing, Regression testing, Ad -hoc testing, Negative testing, End to End testing, Load testing, User Acceptance testing on multiple projects.
* Designing the test cases using HP ALM.
* Built API testing framework in Python + Flask, Requests, and Pytest and replaced Postman automation by 60 %. Generated an HTML report with more details
* Integrated GLIDER into the existing automation infrastructure, streamlining the testing process.
* Tested many features in an agile environment using Python, HTML5, CSS, JavaScript.
* Performed Data Validation followed by the manual testing of back-end.
* Performed End-to-End testing manually.
* Testing the web services by using Confidential.
* Worked at JIRA for ticket management.
* Automation of API's using Postman and SOAP UI, Automated the API's in Postman using JavaScript.
* Used SQL to validate backend database changes, deletes and updates.
* Attended day-to-day meetings for providing regression status of existing functionality.
* Worked with developers in order to resolve the bug issues.
* Proficient with developer tools, such as Eclipse and GitHub for developing on the Java stack
* Experience in version control systems like Git.
* Developed, maintained and executed Automation scripts (Python), using Selenium WebDriver and GitHub as well as REST API tests using Postman with Chai assertions lib, Back-end testing with MySQL database.
* Experience automating build processes by Maven.
* Experience in application deployments and continuous integration system like Jenkins

**Environment**: Java, Selenium RC/IDE, Junit, Eclipse, XPATH, Firebug, Fire path, Jira, agile, HTML, SQL, Windows XP, Maven, Jenkins, GitHub, Confidential, REST API,Python.

**HCA Healthcare, Nashville, TN Feb 2018 to June 2021**

**SDET Automation Engineer**

**Responsibilities:**

* Developed Web Client Test Cases based on Business Rules.
* Performed functional, negative, positive, Integration, Regression, End to End and User Acceptance Testing.
* Collaborated with all teams within the agile environment.
* Preparation of test strategy and test plan for testing on SME for workflow system at FileNet testing.
* Identified issues before they became problems and collaborated to fix them.
* Developed the Automation Test Scripts using Selenium TestNG framework.
* Execution of test scripts using Selenium WebDriver using JUnit framework.
* Utilized Postman for manually testing Restful Web Services and experienced in creating mini-regression suite in Postman as well.
* Established an automated regression testing suite with GLIDER, minimizing the risk of software regressions and improving overall software quality.
* Setup Selenium GRID to run Selenium scripts on different browsers.
* Updated existing Automation Framework (Hybrid) using Cucumber Selenium Web Driver.
* Worked with developers and the testers to verify test cases.
* Updated Existing Frameworks using tools like Selenium Web Driver, Soap UI, JSON, JavaScript, Q-test reporting frameworks, Data Driven frameworks, Page Object Model using Page Factor.
* Created and executed multi-action scripts based on test script/scenario flows
* Involved in querying using SQL and updating records and validating database records as expected.
* Used HP QC for tracking defects and notifying developers
* Involved in Task Estimation, Prioritization, Creation and Communication to Onsite.
* Developed automation test scripts using Selenium Suite to evaluate Security of Web based user authentication apps.
* For Web Services testing we use Confidential
* Coordinated user acceptance testing with final users & prepared end user documentation for the new system.
* Maintained bug lists for critical issues using Quality Center & reported the same in status meetings
* Prepared and Presented weekly and monthly QA Defect and Status Reports to the different Stakeholders.
* All the resources will be stored in version control systems like Git.
* Experience automating build processes by Maven.
* For continuous integration we use Jenkins.

**Environment**: Quality Center, Manual testing, Selenium, HTML, SQL server, FileNet, Internet Explorer, Microsoft outlook, PowerPoint, HP Quality Center ALM, Maven, Jenkins, GitHub, Confidential, REST API,AWS,Applitools,sauchlabs.

**IBOT Energy System, Hyderabad, India. August 2013 to December 2017**

**QA Automation.**

**Responsibilities:**

* Creating detailed test plans, test cases and executing it.
* Strong knowledge in Securities and trading industries.
* Automation of API's using Postman and SOAP UI, Automated the API's in Postman using JavaScript.
* Set up a test lab and worked as an administrator in the QA department.
* Developing test plans and test cases using a web tracker.
* Performed thorough analysis and reviewed requirements and designs in SDL Tridion content management environment (CMS).
* Conducted proof of concept (POC) for the Reuters reference data repository product (RRDS). The product being evaluated would centralize the receipt, administration, creation and distribution of client reference and market data received from multiple vendors (i.e., S & P, Interactive Data, and Bloomberg).
* Testing and Validating Market Data portion received for a third-party source such as CBS Market Watch and others on trading applications.
* Testing order management system using strong analytical and mathematical skills.
* Validated fix protocol messages.
* Prepared Test Data/Content and published Content Components, Templates and pages using SDL Tridion Test Environment in order to perform manual testing.
* Buy and Sell Stock, mutual fund, option, fixed income, bond.
* Validated data for existing clients using Oracle SQL.
* Manually testing functionality of trading, mutual fund, option and bond web based application. Testing text, navigation bar, links, and design.
* Testing cross browser functionality of browsers as well such as Internet Explorer, Chrome, Safari and Firefox.
* Testing cross browser functionality in Macintosh.
* Performing Black Box, Regression, Functional, smoke and System Testing.
* Driving the implementation of automated regression tests.
* Performing and monitoring of live applications & assisting in first line application support.
* Buying and selling securities mentioning tax lot, cost basics to see that particular security purchase and sell record.
* Clearly and accurately report and assign bugs using bug-tracking tools.
* Manage testing efforts for multiple locations. Work closely with business analysts and developers Flows Agile Methods.
* Doing Regression testing using automated tool Selenium.
* Proficient with developer tools, such as Eclipse and GitHub for developing on the Java stack
* Experience automating build processes by Maven.
* Experience in application deployments and continuous integration systems like Jenkins.

**Environment**: Windows NT, Java script, Selenium IDE, WebDriver, Grid, SDL CMS, QC/ALM, JIRA, BugZilla, TestNG, Junit, ALM, Rally, XML, Firefox, Safari, Mac Pc, C++, MS Excel, MS Office, Oracle, Unix, Maven, Jenkins, GitHub, Confidential, REST API.

**Educational Summary**:

 B. Tech in Electronics and Instrumentation Engineering from JNTU- Kakinada, Andhra Pradesh with 75 % in 2012.