**Lokesh Sai Nutakki**

**PROFESSIONAL SUMMARY**

* Around 10 years of experience in software **Manual/Automation testing** and **quality assurance** management for Network & Banking domains.
* Worked on Requirement analysis, writing Test cases, **Executing Test cases**, logging defects and preparing test reports.
* Expertise in Selenium automation using **Selenium WebDriver, Selenium Cucumber, Selenium IDE, Selenium Grid, Java, Junit, TestNG, XML, Maven.**
* Experience in API testing using Postman & SOAP UI.
* Highly skilled and experienced in Agile Test Methodology as well as **Waterfall Test Methodology**.
* Knowledge and experience in **TCL,** **Python, Java & Gherkin** scripting language.
* Experience in working with **Linux** and **UNIX** operating systems.
* Experience in Estimations, Test Plan/Strategy, Planning, Status Reporting, **Production Support**, Functional Automation, **Performance Testing**, Performance Tuning and Security Testing of Large-Scale Customer facing web applications.
* Proficient in writing test cases using Element Locators, WebDriver methods, Core java programming features.
* Experienced in API scripts using RESTAssured Framework using Java.
* Experienced in developing automation framework using Selenium.
* Integrate automated tests in a CI/CD environment with Jenkins.
* Experienced using Jenkins server to perform Continuous Integration (Cl) through AWS services.
* Experience in testing web services with both SOAP and REST services using SOAPUI Tool.
* Hands-on experience in all stages of Quality Assurance Life Cycle (**QALC**) aspects such as Requirement Analysis, Test plan development, Designing, Test execution, Report generations and Test Sign-off.
* Experience working in SQL queries with Oracle and MySQL database.
* Extensive experience in Functional testing, **Black Box testing**, system testing, Integration, Regression Testing, Database testing, Negative testing, User acceptance testing, **Ad-hoc testing**, and Browser compatibility Testing
* **ISTQB** Beginner level certified tester.
* Strong end-to-end knowledge of **SDLC** and **STLC**
* Experience in Sprint planning, Test Plan creation, Test Summary reports, Defect Reporting, Daily/Weekly status reports.
* Good interactions with the Client & Onsite Lead/Project managers.
* Expertise in Testing Management tools like ALM, **JIRA**.
* Ability to work under pressure and meet deadlines worked as an active team member and produced good results on responsibilities given to me.
* Provided 24/7 on call support to the development team in both testing and production environment, and analysis (troubleshooting) of log files to resolve issues.

**TECHNICAL SKILLS**

* **Testing Tools:** Selenium Web driver, Jenkins, Eclipse, TestNG, Cucumber, Maven, Postman
* **Languages :** JAVA , Python , JavaScript , JSON , Gherkin , Unix Shell Scripting , TCL
* **Operating Systems:** Windows, Linux, UNIX.
* **DB:** SQL, Oracle, MySQL
* **Web Services & API** : Rest Assured, Post Man, SOAP UI
* **Application/Web Servers:** Web Logic, Apache Tomcat
* **Cloud Platforms**: AWS
* **Test Management:** JIRA, QTest, HP ALM
* **Test Methodologies:** Agile, V Model, Waterfall
* **Additional Skills:** Tableau

**EDUCATION**

Master of Computer & Information Systems, Southern Arkansas University, USA

Bachelor of Technology in Computer Science & Engineering, Andhra University, India

**Work Experience**

**SDET Lead Apr 2024 to Present**

**Freddie Mac, McLean VA**

**Description:** The Federal Home Loan Mortgage Corporation, commonly known as Freddie Mac, is a publicly traded, government-sponsored enterprise

**Responsibilities**

* Design and develop the best automation framework for the project using TestNG and Java on multiple browsers – Firefox, Chromes and Internet Explorer.
* Developed repository services to do CRUD operations.
* Estimate, prioritize, plan and coordinate testing activities.
* Automation implementation for various projects Across QA platform. Framework Support and Enhancements
* Good experience in Developing reusing Functional libraries, integrating different API’s, reporting tools in an end-to-end practice.
* Providing various Automation testing status and summary reports and presenting the reports to clients and teams.
* Experience with test automation frameworks- Test Driven, Data Driven, Keyword Driven, Behavior Driven
* Script Development & Review, maintaining automation Standards
* Design, develop and execute automation scripts using Selenium -Java.
* SOAP & RESTful API services Automation using Rest Assured java.
* Perform thorough regression testing when bugs are resolved.
* Expert proficiency in performing Smoke, Sanity, System Integration Testing, Regression Testing, Exploratory Testing.
* Performing all the required duties in Sprint Review, Daily Scrum, and Sprint Review & Retrospective Meetings.
* Performing Build Readiness check & Accepting Build through User Story Pass Percentage.
* Identifying Shows Stoppers/Blockers & working with developers to fix at earliest.
* Handling issues, this encountered to team members during test life cycle.
* Closely worked with Developers to understand the changes in the applications with multiple releases/builds to make sure regression test covers all the tests necessary.
* Addressing UAT and Pre-Production defects with validity reason.

**Environment:** **JIRA, Java, Selenium WebDriver, TestNG , RestAssured API , SOAPUI, Maven, Eclipse, XML, Agile, GitHub , JavaScript**

**SDET , TCS Nov 2021 to Apr 2024**

**Bank of the west, Dallas USA**

**Description:** Bank of the West is an American Financial Institution headquartered in San Francisco, California. It offers a broad range of retail and commercial financial services to help customers achieve real financial progress and share commitment. It offers a wide range of banking and investment products for personal, commercial and wealth management customers.

**Responsibilities**

* Responsible for periodic updating of Test Plans and Test Cases as per Requirement Specifications and Business rules.
* Involved in designing and implementing of Data Driven framework to be used with Selenium.
* ﻿﻿Developed automated scripts using Selenium Web Driver and Implemented Frame work using Java.
* ﻿﻿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 Web Driver.
* ﻿﻿Provided best practices in Automation testing in Coded Ul.
* ﻿﻿Involved in Automation of the test cases using Selenium Web Driver, Junit.
* ﻿﻿Create Junit HTML test report for the entire test suite.
* ﻿﻿Reported bug using Project Tracking tool JIRA.
* Involved in developing automation framework using Selenium .
* ﻿﻿Performed Regression testing on new builds, every modification in the application using Selenium RC.
* ﻿﻿Performed back-end testing using SQL queries to validate the data in the back-end SQL Server.
* ﻿﻿During testing life cycle, performed different types of testing like Smoke Testing, Load Testing, Integration Testing and Automation Regression Testing with Selenium IDE.
* ﻿﻿Experienced in open-source automation tools (Selenium), developing, and running automation scripts using Selenium WebDriver 2.0 with Java
* Involved in Mobile Testing includes App Testing. Test automation for web application using Cucumber. Identifying feasible non-functional test cases for Performance testing.
* ﻿﻿Involved in testing application on different mobile Platform such as iOS and Android devices.
* Implemented mobile automation frameworks using Appium.
* ﻿﻿Created Selenium web-driver automation scripts using Python and Java Script to validate functionality on various browsers.
* ﻿﻿Implemented Appium scripts to test IOS and Android platforms.
* ﻿﻿Implemented Ul Automator viewer in Appium to inspect elements in mobile applications.
* ﻿﻿Performed the Testing on the various mobile devices with a various platform (iOS, Android)

**Environment:** **JIRA, Java, Selenium WebDriver, Junit, SOAPUI, Maven , Eclipse, WSDL, XML, Agile, Quality center, GitHub , JavaScript**

**Sr Automation Engineer, TCS July 2018 to July 2021**

**Juniper Networks, Hyderabad India**

**Responsibilities**

* Assessed and analyzed user stories and participated in Sprint planning, Review Sessions, Scrum Meetings and developed Test scenarios, Test cases, Test data, Test reports.
* Developed BDD (Behavior Driven Development) tests using Cucumber in Gherkin format for writing behaviors in feature files and Step definitions.
* Handled Selenium Synchronization problems using Explicit &amp; Implicit waits during regression testing.
* Cucumber was used for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Thorough experience in implementing Automation tools Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins, Apache POI, Maven pom.xml.
* Used test runner classes in cucumber to generate step definition and used tags to run various kinds of test suites like smoke, and regression.
* Implemented SOAP UI tool to test SOAP based architecture application to test SOAP services and RESTAPI and Rest Assured/Java
* Captured Application Screenshots and copied the images whenever exceptions occurred and at important checkpoints of application execution.
* Created test reports of errors with supporting traces, log files and excellent descriptions.
* Followed DevOps continuous integration (CI) tool Jenkins to execute the test scripts periodically on Selenium
* Experience in writing complex XPATH using following and preceding and also using functions like contains and not contains.
* Involved in Preparation, Reviewing and Execution of test cases.
* Involved in writing Test Plan for the web application after analyzing the specifications and business requirements
* Performed End-to-End Manual Testing of the application.
* Wrote several Test Cases for testing various functionalities.
* Security testing ensured the application business logic, and helped identify and patch all the vulnerabilities of the application.
* Performed Functional, Navigation, and Regression and Smoke tests.

**Environment:** **Agile, Java, Eclipse IDE, Cucumber Framework, TestNG, H Base, SQL Server Management Studio, SOAP UI, Postman**

**QA Automation Tester , HCL Technologies LTd April 2016 to June 2018**

**Xerox, Chennai, India**

**Responsibilities**

* Created whole test framework using Selenium for further test creation and execution.
* Gathered requirements for the integration of system with the supply chain system.
* Evaluate and validate returned data from API responses when testing user profile or data objects, and other properties using Postman.
* Performed API service layer testing using SOAPUI.
* Automated this web application - front end UI testing scripts, functional test scenarios with Selenium, Firefox.
* Worked on DevOps team-based environment providing end-to-end solution.
* Experience in Web Services/REST services testing including SOAP UI, XML.
* Generated automated daily reports using JIRA API.
* Developed Automation Framework using Selenium WebDriver, Java, JUnit and Cucumber for application UI testing.
* Test creation and performance testing completed on off hours as not to disrupt company networks.
* Validated all automated runs Pass/Fail Result and debugged errors in CI/CD Environment with release testing processes.
* Conducted performance testing for Interfaces.
* Creating and maintaining QA Matrices using JIRA.
* Tested the SOAP Requests / Responses Messages in SOAP UI.
* Integrated the test suites to Jenkins(CI/CD) to execute them automatically after every successful deployment.
* Rational Unified Process (RUP) and Agile (SCRUM) Method.
* Developed and maintained automated regression test cases in Selenium WebDriver using JavaScript.
* Wrote complex SQL scripts for Backend testing and Frontend Data validations.
* Wrote Java Automation code to verify the trigger logic of the questions triggered based on specific answers provided by the users and specific forms triggered based on the user’s answer selection.
* Validated and automated Rest API's testing scripts (Java/JavaScript, Postman)
* Regular results proven using REST for API testing and verification as well as validation purposes.
* Used Rest-Assured and keywords to create tests for Web Services for complete API Testing.
* Worked Extensively on JIRA for Maintaining and Monitoring defects.
* Created SQL Queries to retrieve the data from different tables to perform Back End testing on Database.
* Experience in Agile methods like Scrum and Feature Driven Development.
* Designed and maintained automated tests based on requirements and functional specifications using Cucumber/Gherkin, Jenkins.
* Involved in preparing master test plans for different test scenarios covering all aspects of project functionality and Used Application life cycle management tool (ALM) like JIRA defect tracking tool.
* Write BDD (Behavior Driven Development) tests using Cucumber and Java.
* Manual and Automated test cases, test scripts, test plans of CI/CD pipeline of Jenkins in Devops Environment.
* Building Jenkins CI / CD jobs and continuously adding test scripts (UI and jUnit).
* Worked on distributed test automation execution on different environments as part of Continuous Integration (CI/CD) Process using Jenkins.
* Integrate Automation scripts Selenium WebDriver API on continuous integration tools Jenkins for nightly batch run of the Script.
* Experience in Agile methodologies and CICD (Continuous Integration and Continuous Deployment) using Jenkins
* Introduced automated testing frameworks and CI/CD test integration.
* Performing REST API testing in JSON format using SOAP UI tool.
* Regular results proven using REST for API testing and verification as well as validation purposes.
* Used Rest-Assured and keywords to create tests for Web Services for complete API Testing.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, CI/CD, Postman, JIRA, SOAP UI, API, Oracle, UNIX, TestNG , MS Office, JSON, SOAP, Network Protocols (FTP, HTTP), JAVA, Windows, Internet Explorer, Agile Methodology

**QA Analyst , HCL Technologies LTd July 2015 to March 2016**

**Cisco, Chennai, India**

**Responsibilities**

* Functional Test Requirement Analysis using Business Requirements Document and Design documents.
* Thorough knowledge in SDLC and STLC.
* Using QC tools identified the defects, reported them to the development team, and reviewed documentation to check the quality.
* Responsible for maintaining Health Insurance Portability and Accountability Act HIPAA compliance.
* Extensive testing experience with Member Enrolment, Member services, Facets ITS Claims processing and Claims adjudication.
* Created transaction sets like 837I/P, 835, 834,270/271,276/277 and 278.
* Validate the date from EDI transaction in the front end as well as back end.
* Developed and executed manual test scripts using test plan and test lab sections of Quality Center for System testing, Integration testing and Regression testing of the application.
* Performed backend testing using SQL queries and executing stored procedures.
* Responsible for planning the Automation and Manual testing of diverse applications in complex environments and will serve as chief resource in defect management and reporting.
* As a successful tester performed various type of testing which include smoke, functional testing, regression testing and retesting, performance testing and UAT.

**Environment:** **Regression Testing, Test Cases, Test Scripts, Web Driver, Quality Center, SOAP UI, JIRA, Eclipse, SQL Server 2008R2, Windows 7/XP.**