**Neeraja Atukuri**

**SDET/QA Automation Engineer**

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**ONLY C2C**

**H4 EAD**

**will go Onsite or Hybrid if it’s in TX, if not then initially REMOTE**

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#### PROFESSIONAL SUMMARY:

* A highly competent and results oriented Automation Analyst with **7+** years of experience in Selenium, QTP/ Protractor Automation tools & Manual Testing.
* Expertise in open source automation tools: Selenium WebDriver, Robot Framework Serenity BDD Framework, JUnit, TestNG.
* Proficient in developing and executing high quality Test Plan, Test Scripts, Test Cases from Requirements documents, Functional specification, Detail Design Documents.
* Experience with Test Automation tools such as Cypress, Selenium, TestNG, Jmeter, Junit.
* Expertise in designing the automation scripts by using Serenity BDD framework in Java and Robot Framework in Python.
* Hands on experience with Core Java, Java/J2EE, JSP, Spring Technology Stack, WebSphere Application Console and Server, Rest Web Services.
* Experience includes development of automated regression test scripts using selenium, protractor, cypress and jasmine, mocha framework with Java, JavaScript, Scala and JSON.
* Worked extensively on spring modules and concepts such as Inversion of Control (Dependency Injection), MVC, JDBC Template and AOP. Possess strong knowledge in Java/J2EE design patterns.
* Worked on web frameworks such as Struts and other application servers such as Bea WebLogic, also view technologies such as Freemarker.
* Possess hands on experience with UI technologies such as JavaScript, JQuery, HTML and CSS and various content management tools.
* Possess excellent knowledge on Adobe CQ system using technologies like Adobe CQ/AEM, Java/J2EE, Eclipse, Splunk, Endeca, Fusion, Git, SVN, Bit bucket, Confluence, Akamai server, Sinnaker, Google Cloud Platform, Lucidworks, Dynatrace, Stash, Restful Web Services, Postman, Hadoop, Big Data, Map Reduce, Spring Boot, Spring Microservices, JDK1.7, Tomcat 7, Mockito, JUnit, Jira, JSP, JavaScripts, DB2, Browser debugging tools, Jenkins.
* Possess good knowledge on build automation tool such as Maven and continuous integration tools such as Jenkins.
* Worked on Visio design tool. Possess good working knowledge on IDE’s such as Eclipse, Spring Tool Suite and PL/SQL Developer, Splunk logs, Aqua Data Studio.
* Possess working knowledge in PL/SQL, Stored Procedures, cursors, Indexes and triggers in Oracle.
* Possess good knowledge on writing automated unit and integration test cases using JUnit, Mockito for mocking and also have experience of using Selenium.
* Experienced in Rest Web Service development for both Xml and Json datatypes using Advanced Rest Client. Possess fair knowledge on SOA and REST architectural style and design principles.
* Have knowledge of some basic UNIX commands and AWS.
* Worked on version control tools like SVN, Git, GitHub and WinCVS.
* Well versed with complete Software Development Life Cycle (SDLC) of both Agile Scrum and Waterfall methodology.

#### TECHNICAL SKILLS:

Automation Tools : Selenium WebDriver, Robot Framework, Serenity BDD

Framework, TOSCA/QTP, Protractor, Cypress,RQM, Edifecs, PEGA, SAP TAO,

Maven, Ant,AWS, Jenkins,Groovy.

Performance Tools : JMeter, ETL, BlazeMeter, NeoLoad.

Management Tools : QC, Mantis, JIRA and Rational Clear Quest.

Continuous Integration : Jenkins, GIT, GitHub.

Languages : Core Java,Python, Java Script, VB script, SQL, PL/SQL, C, HTML

Databases : Oracle, BigData, MS SQL Server, IBM DB2, MySQL, Microsoft Access

MS Office Tools : Word, Excel, Project, Visio, PowerPoint.

#### PROFESSIONAL EXPERIENCE:

**CLIENT: Teladoc Health, Harrison, NY Mar 2024 - Present**

**Role: Sr SDET Engineer /QA Automation**

**Responsibilities:**

* Involved in designing and implementing of hybrid automation framework to be used with Rest Assured and Maven using TestNG framework.
* Performed Automation for regression using Selenium WebDriver for UI screens.
* Involved in REST based web services testing using SOAP UI web services testing tool.
* Developed the automation scripts in Selenium for functional Testing.
* Successfully conducted User Acceptance Testing (UAT).
* Created XML based TestNG test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
* Used Git repository for efficient remote team working, also stored the framework and all the developed test cases.
* Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
* Used Jira for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Prepared Test Plan, test Cases, Test scripts and Test Metrics for the application as well as for the database verification based on the functional requirements, portal redesigned and test specs.
* Conducted backend testing using SQL queries to validate data for database and used SQL queries to fetch data from Oracle database.
* Created automation scripts in SOAP UI using Groovy Script for web services testing.
* Involved in testing REST services using Rest Assured and tested both XML and JSON formats.
* Involved in designing scenarios in JMeter to perform Load and Stress tests and to analyze results.
* Led and directed a team of testers for automation test implementation; wrote and implemented automated test scripts using Selenium WebDriver.
* Integrated JMeter with maven for continuous integration with Jenkins.
* Developed Selenium Automation Framework with Java using Data Driven model and Behaviour Driven model.
* Used Maven for building the Rest-Assured project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Developed and executed SQL queries to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Strong Knowledge on automating tests using protractor for angular JS projects.
* Worked in Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.

**CLIENT: Plymouth Rock Assurance, Boston, MA April 2023 - Feb 2024**

**Role: SDET /QA Automation**

**Responsibilities:**

* Developed and executed automated test scripts using Gherkin, Java, Selenium, and API testing tools like Postman and Swagger for functional, web service, and database testing.
* Managed end-to-end test automation for UI and Non-UI applications using tools like TOSCA, Selenium WebDriver, and Cypress.
* Integrated test automation frameworks into CI/CD pipelines using Jenkins, TFS, and TeamCity, ensuring continuous testing and deployment.
* Automated mobile testing using Appium for Android and iOS applications, including integration with Sauce Labs for distributed cloud testing.
* Created BDD tests using Cucumber and Selenium, and developed support code using Java and Python for test automation frameworks.
* Developed and maintained automation frameworks using Selenium WebDriver, Protractor, and Katalon Studio, and executed scripts in environments such as Groovy and Java.
* Set up and executed REST API testing using tools like Postman, Swagger, and SOAP UI, and performed backend testing with SQL and Groovy.
* Participated in Agile ceremonies and managed multiple SAFe and Scrum projects, ensuring smooth release management and migration processes.
* Collaborated with developers to design test strategies, validate fixes, and maintain defect logs to ensure quality across all application areas.
* Automated regression testing and developed regression suites for web, mobile, and thick/thin client applications using TOSCA and other testing tools.
* Managed version control processes using Git for code maintenance, branch management, and merging across development and production environments.
* Conducted exploratory testing to refine test cases, identify unexpected behaviors, and ensure robust test coverage for new features.
* Configured and executed automated tests in Jenkins for regression testing, and managed test coverage with continuous improvement across sprints.
* Performed database checks using SQL queries and managed data integrity during testing cycles.
* Partnered with development and build teams to manage production releases, ensuring smooth migration and validation of new software features.

**CLIENT: NRG Energy, Houston, TX Oct 2022 - Mar 2023**

**Role: QA Automation tester**

**Responsibilities:**

* Developed and supported complex SQL/PL-SQL database objects like stored procedures, triggers, and functions.
* Monitored system performance metrics using tools like Splunk, Dynatrace, Spotlight, and Mpulse to ensure optimal business operations.
* Managed and optimized digital assets, images, and content using Adobe Experience Manager (AEM), Scene7, and DAM.
* Created and maintained test automation suites using Python, Selenium WebDriver, Pytest, and Robot Framework.
* Integrated automation test scripts into CI/CD pipelines, using Jenkins, Git, Maven, and Azure DevOps for continuous delivery and deployment.
* Authored and maintained mobile and desktop pages using AWS, ensuring proper inheritance and synchronization.
* Implemented and executed mobile app testing using Appium for iOS and Android platforms, including developing automation scripts.
* Participated in AEM upgrades, resolving issues related to CQ publishers, dispatchers, and cache management across Akamai.
* Solved production and stage taxonomy, content, and banner-related issues in CQ, ensuring smooth website performance.
* Debugged and resolved issues in Node.js and CQ codebase for Lowe’s Home Improvement and Lowe’s for Pros.
* Validated and tested web services using Postman, SOAP UI, and managed Endeca product search and Lucidworks Fusion rule issues.
* Configured and managed continuous integration environments using Jenkins, validating CI/CD processes for quality delivery.
* Led manual and automated testing efforts in an Agile environment using tools like Selenium WebDriver and Appium.
* Updated and managed Lowe’s store information in Google Cloud Platform (GCP) using ETL jobs in Spinnaker.
* Explored and implemented new test automation tools like Katalon Studio and Cypress to enhance testing efficiency.

**CLIENT: Lexicon Infotech, Hyderabad, India        Aug 2016 – Sep 2021**

**Role: QA Automation Tester**

**Responsibilities:**

* Documented test artifacts(Test Plan, Test Cases, Test Matrix) from design documentation and functional specifications
* Extensively automated regression and functional test suites by developing over 200+ test cases, 8 test suites using Selenium WebDriver, JAVA, TestNG
* Implemented Hybrid framework from the scratch.
* Working with Java to use Selenium-Webdriver API library to write Automation scripting.
* Used Selenium Grid, Desired Capabilities, Remote WebDriver for distributing the execution in different machines, platforms and browsers.
* Used Eclipse to debug Java code and utilize Maven as Project Builder with internal Maven Dependency repository.
* Used **Appium tool**to develop automation test scripts on **Android platforms**for native applications on mobile devices.
* Used Appium for **native, hybrid Mobile Application Testing** for **IOS** and **Android platforms.**
* Used **Appium** for**.**
* Used Maven to configure the dependencies to run framework and GITHub for version control.
* Used Jenkins for continuous integration, to compile, build and set up run schedule.
* Performed exception handling using test **Automation Framework, Cross platform test Automation** try catch finally blocks.
* Developed test automation framework scripts using Python Selenium WebDriver,
* Implemented Page Object Model framework with Python and Selenium.
* Develop and maintain automated tests using Python and the Robot test framework.
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Developed new test scripts for the regression and sanity testing & Execute the scripts.
* Prepared and executed test suite through TestNG via Ant and generated XSLT reports.
* Verify the Automated Test Result,and Logging the Defect in Mantis and updating status to the higher management.
* Using the Agile methodology and scripts will be prepared based on the Sprints/Stories assigned by the Scrum Master.
* Performed Mobile testing for devices like Android, Apple, Ipad etc.
* Prepared the SQL queries for database testing.
* For API testing, Created the SoapUI functional testcases and generating the test reports.
* Integrated the SoapUI pro project with selenium to write test scenarios.
* Performed performance testing by using JMeter for measuring web application performance and Load Stress capacity.
* Develop and Design ETL test cases, scenarios, and scripts to ensure quality Data warehouse / BI applications
* Participated in system walk-through and inspection meetings to understand the business rules and system operation flows.
* Having good experience in Hadoop and creating SQL queries.

**Education:**

Bachelors’ in Computer Science Engineer from KMMITS, India, 2016