**Sharanya Medaboina**

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**PROFESSIONAL SUMMARY:**

* Around 8 years of strong experience in areas of Automation using **Selenium, Mobile Automation using Appium, XCODE on iOS, Web Services Automation using Ready API and Rest Assured, UI Automation using Katalon Studio .**
* Accustomed to working in complex, project-based environments using **Agile** Methodology.
* Manual and Automation testing experience **in Waterfall and Agile/Scrum** structure, procedure and processes.
* Experience in performing **white box testing, Black box testing,** integration testing, Database testing, System testing, and supported user acceptance testing (UAT) with business users. Worked on Regression Testing, Smoke Testing, Functional Testing, **GUI Testing, Automation testing**.
* Experience in working with open-source tools, **Selenium WebDriver**, **Selenium Grid**, **Jenkins, Git, Junit**/**TestNG**, **Eclipse** and **IntelliJ**
* Valuable experience with SOA architecture which includes Soap Web Service and Restful Web Service Testing using **SOAP UI**
* Experience in testingweb service using **POSTMAN** and **Rest Assured**.
* Used **Serenity** framework with cucumber **BDD** and **TestNG**
* Created detailed QA documentation including QA reports, actively participated in SQA and project status meetings.
* Experienced with writing Java automation scripts for Web application testing with Selenium and unit test in Eclipse
* Used **Jenkins** as Continuous Integration tool to execute weekly build.
* Developed Selenium Page Object Model framework and have hands on experience in different frameworks like Data driven and Modular driven framework.
* Responsible for Analysis and Defect Tracking using **Jira.**
* Experience in version control using **GIT** and **Bitbucket** with Git commands for source code maintenance.
* Ability to write & understand code written in languages like Java, JavaScript, XML, HTML, CSS and SQL.
* Experience in **Cross-Browser testing** with Mozilla Firefox, google chrome, safari and internet explorer.
* Experience in processing documents like test plans, test cases, weekly status reports, bug reports etc.

**TECHNICAL SKILLS:**

**Languages** JAVA, SQL

**Automation Tools** Selenium WebDriver/GRID, Ready API, JUnit, TestNG, Jenkins, Gradle, Maven, POSTMAN, Appium for iOS and Android, Eclipse, IntelliJ

**Web Technologies** HTML, CSS

**Application/web server**  Tomcat 8.0.

**RDBMS** MySQL

**Operating System** Windows 8, Mac OS X.

**PM Tools** JIRA, HP ALM, Git, SVN

**PROFESSIONAL EXPERIENCE:**

**Sr Engineer QA | AT&T, FL** Jan 2021 – Till date

**Project: SFDC –** This is a ecommerce project where customers orders are captured in a UI portal , fulfilled in multiple WMS systems like RMS,Catalyst. The entire order lifecycle is managed in Order Management System called Manhattans Active Omni.

**Technologies:** Java, Firebug, Selenium Web driver, Appium, RDBMS, MYSQL, REST, GitHub, Maven, Jenkins, Jira, , Rest Assured, Postman, Eclipse, Serenity with BDD

**Roles and Responsibilities:**

* Develop test automation framework for enterprise automation using JAVA
* Performed end to end and component testing of web application using Selenium Web driver..
* Used Java with Selenium to write UI automation scripts.
* Performed API testing using POSTMAN for integration between MAO and all other client applications like Ecom site, Inventory management applications, Payment processing application, tax/discount/appeasement/adjustment calculation systems.
* Used Rest Assured to develop automation framework for webservice testing.
* Used SQL queries to query multiple inventory management and order management databases and imbibe in automation script
* Active participant of all agile ceremonies as entire functionality is developed in sprint model
* Analyzed the user requirements, functional specifications and Use Case documents and created the Test Plans, Test cases for Functional testing.
* Built Modular driven framework using Serenity BDD ,Maven as build tool, GIT for version control and Jenkins for continuous integration.
* Performed cross browser testing and run the tests concurrently for time efficiency.
* Integrated HTML reporting tool & data manager for data driven testing.
* Designed and documented REST/HTTP, including JSON data formats and API versioning strategy
* Executed automation tests using open source tools such as TestNG, Jenkins, and Selenium.
* Assisted with user-acceptance testing and defect tracking for new release.
* Used Jira for issues, bugs, defect tracking, writing suggestion, writing and executing test.
* Used Git Hub as version control tool.
* Wrote queries in SQL executed them to modify/analyze the data from the MySQL database and compared it with results from web service response. Checked data integrity and consistency.
* Developed Maven Build scripts to run Smoke Test scripts for new builds using Selenium WebDriver.

**Sr Engineer QA | Texas Medicaid and Healthcare Partnership |** **Austin Tx** Dec 2020 – Sep 2021

**Project-** This Project deals with Propane Gas Delivery in US region. The Mobile module consists of 3 different applications installed on IPAD versions 13,14. The above mobile applications communicates all the data into Azure logs, 2 web application which hold the dynamic data of mobile apps. Testing Scope of this project involved Mobile automation and Automating the integration of Mobile Applications with Web Applications on chrome browser. Validating the data on Azure logs captured on Mobile apps. Azure logs contains the numerous REST services JSON data converted into text.

**Technologies:** Mobile Automation (Using Appium on IOS using XCODE),Web Automation using Selenium. JSON represented REST Services validation, RestAssured,PostMan,Eclipse,Serenity with BDD

**Roles and Responsibilities:**

* Involved in all facets of QA process which include writing test plans, scripts, execute tests and reporting results.
* Involved in analyzing the Functional Specifications and Software Requirement Specifications (SRS).
* Worked with Agile environment on testing iteratively against newly developed codes.
* Performed functional, integration, user interface, End to End, cross browser testing for web application.
* Parallel Execution of automation scripts in multiple browsers using Selenium Grid.
* Developed test cases for new User stories – both manual and automated test scripts.
* Identified methods to optimize the overall test effort through automation.
* Maintaining and updating the test data based on different testing scenarios.
* Used GitHub as a version control tool and Jenkins as the integration tool to deploy the build in the QA Environment.
* Provided validation of data through SQL queries. Used WinSCP to check for error logs through Putty.
* Involved in the testing and automation of REST web services related to the application.
* Coordinated with the Project Managers, Business Analysts, Developers, and Test Team Lead and analyzed requirements needed for successful Test Plans and Test Cases.
* Performed backend testing to validate database contents by writing and executing SQL Queries.
* Extensively involved in resolving bugs fixes and suggesting code changes to the development team.
* Reviewed test Documentations i.e. Test Data, Test Results/Output, Test scripts, and generated reports.

**Sr Engineer QA |Cigniti Technologies- AAFES(Army and Air Force Exchange Service),**INDIA Jan 2020 – Oct 2020

**Project-** An Ecommerce project which focused on migrating from the present OMS system GSO to new system MAO. This Involves Integration testing which needed to test both synchronous and Asynchronous services between AAFES systems and MAO**.** Synchronous services include REST services and Asynchronous deals with IIB Integration which involves testing of message queues. Functional testing involves testing an Ecommerce site, Order management system MAO, Customer service Center CSC and a store portal.

**Technologies:** Functional testing and REST Services automation using READY API ,POSTMAN.

**Roles and Responsibilities:**

* Automating REST Synchronous Services using READY API.
* Manually Testing REST Synchronous Services using Postman
* Functional testing order flow through all the systems
* Assisting through Bug Cycle using Jira
* Participate in Agile standup calls.

**Sr Engineer QA |Cigniti Technologies - Virgin Voyages** Apr 2019 – Jan 2020

**Project-** The project is a new venture into Hospitality Domain**.** This works on multiple Applications like an Ecommerce site, an Agency site, a mobile application on multiple devices using multiple middleware like Sales Force, Seaware, CyberSource, FEXCO, CMS.Customers books a voyage using multiple mediums like a web site , a mobile site.This follows a safe Agile and in Sprint Automation.

**Technologies: :** Java, Selenium, Eclipse, Jira, Test Rail, Jenkins.

**Roles and Responsibilities:**

* Automate the end to end booking flows.
* Testing the booking flow and acknowledge if the CRM and Reservation engines receive the customer data.
* Testing if Ecommerce applications are connected properly with CMS application
* Defect tracking using Jira.
* Attend Daily Stand-ups and discuss the mitigations and impediments.
* Develop automation scripts using Selenium and Java
* Achieving in sprint Automation
* Maintain daily Smoke test Suit to ensure the application stability
* Framework: Serenity BDD with Test Rail and Jenkins Integration

**Associate QA | Synechron-HRTT** Apr 2017 – Mar 2019

**Project-** This Project handles Banking Application and HRMS applications of a well known US bank.

**Technologies:** Java, Selenium, Eclipse, Jira, Test Rail, Jenkins.

**Roles and Responsibilities:**

* Developed Automation Scripts to test and Ensure the stability of applications
* Part of designing automation strategies and guide the team
* Part of implementing changes in the framework for clear results for the end user
* Framework: Wells Fargo Automation Framework Implementing CRAFT, Test NG.

**Associate QA | Cognizant Technology Solutions, India** July 2012 – Mar 2017

**Project-** This Project handles the core Banking Application like payments and Settlements. This handles International Payments using S.W.I.F.T messaging. Uses the Clearing House Automated Payment System (CHAPS), a real-time gross settlement payment system used for sterling transactions in the United Kingdom for domestic transactions and URBIS for International transactions.

**Technologies:** Java, Selenium, Eclipse, Jira, Test Rail, Jenkins.

**Roles and Responsibilities:**

* Automated PBAM Application which receives the messages of payment Acknowledgement.
* Part of the Functional ,Integration and Automation testing end to end flow which includes payments and acknowledgment.
* Part of designing test Cases, defect raising, defect tracking.
* Tracking change requests.
* Also, as part of financial Management worked on WAB (Work authorization Board) and RFQ (Request for Quotation) with Fixed Pay model
* Worked on Requirement Traceability Matrix (RTM).

**EDUCATION:**

* Bachelor’s degree in **Electronics and Communication Engineering**, Jawaharlal Nehru Technological University, India