**REDDYMASU**

**Senior QA Automation Engineer**

**PROFESSIONAL SUMMARY**

* **Automation Engineer/Quality Assurance Analyst with over 10 Years of experience in creating Automation Frameworks and scripting using C#, Java Script on Selenium and Cucumber.**
* **Extensive knowledge in Insurance, Retail, construction, and asset management domains.**
* Strong experience in preparing Test Scripts, Test Plan, Test Cases and Test Data.
* Experienced in analyzing data and presenting visual insights using **Power BI** and **Google Colab charts** to optimize **BDD** test cases, ensuring more effective and accurate testing outcomes.
* Expertise in all stages of SDLC (Software Development Life Cycle), Software Test Life Cycle (STLC) and software development methodologies such as **Agile**, **V Model, Kanban,** and **Waterfall**.
* Handling Defect tracking and defect stories using **JIRA**, **Azure Dev Ops**, **ALM.**
* Validation of Web Services using **SOAP UI. REST** and **POSTMAN** tool!
* Proficient performing diverse kinds of testing like Smoke, Sanity, Functional, GUI, Backend, Regression Testing & End to end testing.
* Expertise in Test automation and continuous delivery of web applications, client server applications, web services/APIs
* Managing data validations using **SQL** and **SSIS.**
* Apart from assuming the role of SSQA, also played a key role in analyzing, requirement gathering and documenting system and functional specifications.
* Experienced in **ETL tools** like **SQL Server Integration Services.**
* Experience developing test scripts using **TDD** and **BDD** approach.
* Expertise in using **Selenium IDE** and **Selenium WebDriver** with **TestNG** framework.

**Client: DBM Global, Phoenix, AZ April 2024 - Present**

**Role: Senior Quality Assurance Automation Engineer**

* Crafted and maintained automated test scripts with **Selenium** and **Spec-Flow**, applying **BDD** and **TDD** methodologies to ensure the highest quality of SES construction management software.
* Analyzed on-site data and presented visual insights using **Google Colab charts**, identifying key areas for **BDD** automation testing. This approach significantly enhanced QA processes by pinpointing critical testing priorities and improving overall test coverage.
* Conducted thorough testing of REST APIs using Rest Client and Postman to ensure robust functionality and reliability.
* Successfully reproduced and debugged issues reported from the field, ensuring accurate identification and resolution of problems.
* Developed and provided customized scripts to system test teams, facilitating thorough QA validation, and ensuring high-quality software releases.
* Creation of CI/CD Pipelines for **Selenium** test automation projects using **GitLab**
* Lead on Code migration testing for Oracle JCA Codes in SES construction management software.
* Oversaw the entire Test Automation process for handling reports and Custom data extraction using **SSIS**.
* Involved with Test scripts to validate Image outputs for Visualization Project in Visualizer tool using **Selenium.**
* Coordinated with source system owners to monitor daily ETL progress and maintain nightly batch schedules, ensuring seamless data integration and operational efficiency.
* Designed and implemented customized **JIRA** dashboards to track and display all test metrics, providing clear insights and facilitating data-driven decision-making.

**Environment: C#, Selenium, JavaScript, Gherkin, API, SQL, SSIS, JIRA, Service now, Oracle, SpecFlow, Power BI, Google Colab (Python, Pandas, Matplotlib).**

**Client: RSA AMERICA LLC, Inverness, IL April 2023 – April 2024**

**Role: Quality Assurance Automation Engineer**

* Working with business analysts in validating business requirements including functional and non-functional requirements.
* Preparation of test data and conducting Data Validation testing using **SQL**
* Collected and presented test metrics to both the team and clients, while troubleshooting and coordinating resolution of QA-related issues to ensure project success.
* Preparing the Automation test scripts with **C#** in **Selenium** using Custom method.
* Lead on implementation of Code security testing using **Sonar Cloud.**
* Working with business users and IT teams for timely resolution of operational (functional and technical) and project issues.
* Involved in detailed documentation of test results and the development of an Automated regression test framework. Automated test scripts for system integration, functional, GUI, data-driven (both positive and negative testing), and regression testing using Selenium.
* Created the BDD User stories by analyzing and constructing the data using visualization tools like **Power BI** and created Test Scripts.
* Took lead on Planning test scenarios and strategies for validating the various RSA applications – Digital Loyalty and Promotions.
* Involved in implementation of **Azure CI/CD pipelines** to automate the deployment process using **YAML**, **Azure Repos**.
* Lead on Handling Defect Tracking and **AIO** test case management using **JIRA.**
* Leveraged SOAP UI, REST, and Postman to conduct thorough and comprehensive API testing, ensuring robust and reliable integration of services.

**Environment: C#, Selenium, Java, Cucumber, Azure Cloud, API, SQL, SSIS, JIRA, Service now, Oracle, SpecFlow BDD, Python, Power BI.**

**Client: Merril Lynch Insurance. June 2021-March 2023**

**Company: Ebix Inc, India**

**Role: Senior Test Automation Engineer**

* Engaged in Agile Scrum planning meetings and daily stand-ups, coordinating with Product Owners, SMEs, and Business Project Managers to gather and refine both functional and non-functional requirements.
* Lead on managing the business requirements, preparing the Test Plans, and filling the requirement gaps on the existing functionality.
* Developed automation test scripts using **Java** within the **Selenium** framework, optimizing test efficiency and coverage.
* Validated and created test scripts and manual test cases for the entire underwriting process, while managing defects and updating test cases through **Bug-Zero**, **ALM**, and **Quality Portal**
* Performing the User acceptance testing before the production release.
* Updating the Automation test scripts based on the Change Requests.
* Analysis of the client requirements on the current features of the Product (**TPP**) and the expected functional specifications.
* Creating Business Test cases and Test Scenario’s and Preparing Automated Scripts for the specific test cases to run IDE testing.
* Lead on maintaining the present version Defect list to maintain data integrity with new versions.

**Environment: TPP Insurance Systems, ALM, JIRA, SQL, SSIS, Excel, Bug-zero, Java – Selenium.**

**Client: Navy Mutual Insurance| Sunlife Insurance April 2017 – June 2021**

**Company: Ebix Inc, India**

**Role: Test Automation Engineer**

* Involved in Regression Testing and Integration Testing.
* Co-ordination with the development and quality teams on the business specifications and the desired functional output.
* Performing the Security testing using TPP Integrated Logins.
* Automated Test cases using **Java** on **Cucumber** for **TDD** and **BDD**.
* Updating the Automated test cases based on the new Requirements or business gaps on functionality.
* Performing the testing on Quote Policy System for Sunlife Insurance.
* Performed Data Base testing using **SQL** Queries.
* Co- operates to third party team works for Compass to ensure QPS data is moving to Compass.
* Collaborated with cross-functional teams to identify and resolve defects, enhancing software quality and user satisfaction.
* Actively participated in Agile ceremonies including stand-ups, planning sessions, backlog refinement, reviews, and retrospectives, ensuring that QA deliverables remain on schedule and align with project objectives.

**Environment: TPP Insurance Systems, ALM, JIRA, SQL, Excel, Bug-zero, Java – Cucumber.**

**Client: EPAY Solutions Jan 2014 – March 2017**

**Company: Veritra IT Solutions, India**

**Role: Software Quality Analyst |Automation Engineer**

* Creation of the Test cases, Test Plans for the Mobile UI platform.
* Validation and Creation of Test scripts for Clock in and clock out functionality on EPAY app using **Cucumber**.
* Updating the Test Scripts based on the Change request and cross functionality testing.
* Execution and Creation of test scripts using Java on Cucumber BDD Framework
* Performed Data Base testing using **SQL** Queries for User data extraction and validation.

**Environment: Android, IOS, ALM, SQL, Excel, Bug-zero, Java – Cucumber.**

**Education**

Bachelor of Technology in **Computer Science** from Jawaharlal Nehru Technology University affiliated college, Hyderabad during the period 2006-2010