|  |  |
| --- | --- |
|  | SUSHMITHA  QA Automation Engineer/SDET/Manual Tester  Sushmitha421i@gmail.com  /  +1(661)509-9585 |

**PROFESSIONAL SUMMARY:**

* 9+ years of experience as a QA Automation Engineer, extensively worked on Manual/Automation testing of Web, Mobile apps and client/Server with specializing in Software Quality Assurance Testing and QA Automation Engineer.
* Excellent working knowledge of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) in Requirements gathering, Analysis, Design, Development, Implementation and Testing Methods in Waterfall, Scrum-Agile and V-model Methodologies.
* Hands on Experience in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid, QTP/ UFT, Katalon Studio, Playwright, Cypress, Protractor, XCUITest, Appium, Espresso, WebdriverIO and UI Automator** to develop automation testing scripts for Client Server, Web, Mobile applications.
* Experience in performing Functional Testing, Integration Testing and Regression Testing.
* Designed and developed **Data Driven, BDD, TDD** and **Hybrid** automation framework using **Selenium WebDriver** and **Python** and performed unit testing using **Unit test** and **Pytest**.
* Experience with Test Plan, Test Designing, Test Analysis, Test Execution, Defect Tracking and Test Evaluation.
* Experience in developing and maintain automated test scripts using **Playwright**, **Cypress**, **Selenium WebDriver, Protractor,** **QTP/UFT**, Java, developing tests using **TestNG, Junit, and Pytest** frameworks.
* Experience in designing, developing, and maintaining Test Automation Frameworks like **Data Driven, Hybrid, BDD/TDD and Keyword Driven, Page factory, Page Object Model (POM).**
* Experience in doing performance testing of services / applications using **Blazemeter,** **HP LoadRunner,** **Gatling**, and **JMeter.**
* Results-driven software tester with expertise in **Kafka** testing.
* Automated **AngularJS** application module using **Protractor** and **Jasmine** and created specs for various functional scenarios.
* Developed and executed complex test scenarios using **Soap UI** or **Postman** for SOA – **Restful API** testing in integrating SOA with **Oracle EBS**. Experience with Testing **REST** and **GraphQL** API logic using Postman.
* Good Experience on **Junit**, **TestNG** framework for Unit testing, **Maven**, **Gradle**, **ANT** for Project building tool, **Jenkins**, **Hudson** for Continuous Integration.
* Developed an automated scripts and frame works using **Python, Java, C#, VB Script, NUnit**.
* Experience in implementing BDD using cucumber & selenium for automation testing.
* Experience in testing with projects that use **JSON, JavaScript, HTML, XML and SQL**.
* Experience in Black Box testing, White Box testing and good exposure to **Testing Life cycle** and **Bug Life cycle**.
* Designed and implemented end-to-end test automation solutions using **Katalon Studio** for web applications. Developed custom automation frameworks using **Katalon Studio**, incorporating best practices and efficient test design patterns.
* Tested windows and web-based application developed in **C#, ASP.NET** and **JavaScript**.
* Involved in building the pipeline framework for Continuous Integration and Continuous Deployment (**CICD**) on **Azure DevOps**. Experience with Jenkins and **ADO** for nightly execution of Automation suites
* Experience on Defect management, Bug Lifecycle management and Reporting using **ADO, JIRA, and Confluence**.
* Experience in testing database applications of **RDBMS** in **Oracle, MySQL**, and **SQL** Server by executing **SQL, Pl/SQL** Queries. Create Test related documents and provide results to various client systems to support applications which use Azure technology.
* Worked on Open-source DevOps environment using **C#** and **selenium** in an **AWS, Dockers, Containers, Kubernetes, Node.js**, **Angular, Jenkins, GIT, JIRA,** and **Linux** environments.
* Experienced in Defect Management, including analyzing and reporting Defects/bugs using **HP Quality Center (QC)/HP** **ALM, JIRA Zephyr** and **Team Foundation Server (TFS),** escalating high priority defects, interacting with developers and team members in fixing bugs and validating the fixes.
* Performed Functional, Integration, System and Regression Testing on different Interfaces and tested **Restful** & **API Web** Services using **SOAP UI**, **Postman Rest Assured,** and tested both **XML** and **JSON** formats.
* Experience in Project management - Sprint planning, Sprint review and Daily scrum. Ability to interact with a diverse group of individuals including executives, managers, and developers.
* Ability to perform Compatibility testing with different browsers like Firefox, Chrome, IE, Safari and with different operating systems like Windows, Android, and Mac OS. Excellent debugging and problem-solving skills with Eclipse, Android Studio and XCode.
* Used Continuous Integration/Continuous Delivery **(**CI/CD)tools **Docker, Jenkins** to deploy the builds to **AWS** and used **GIT** for Version Control of code for incremental development and day-to-day basis to maintain the code history.
* Conducted test case reviews, provide project related status reporting, coordinate all release planning and testing team through all project phases.

**TECHNICAL SKILLS:**

**Browsers:** Internet Explorer 6,7,8,910 and 11, Chrome, Firefox, Safari

**Web Development Tools:** XML, HTML, Ajax, Java Script, QTP, VB Script, TFS, ASP, JSP and Java Servlets, PHP, Jenkins

**Languages:** C, C#, Core Java, JavaScript, Python, VBScript, Groovy.

**Web Servers / Application Servers:** IBM WebSphere, BEA WebLogic, Tomcat, and IIS

**Testing tools:** Selenium (IDE, RC, Web Driver, and GRID), Quality Center, SOAP UI, Charles Proxy, TestNG, JUnit, Appium, Ruby, Blazemeter, JMeter, Gatling, Coded UI, cucumber, HP LoadRunner, Katalon Studio, Protractor, Cypress, Playwright, Pytest, POSTMAN and Swagger

**Cloud Technologies:** EC2, Lambda, API Gateway, DynamoDB, ECS, CloudWatch, CodePipeline, CodeBuild

**Reporting/Management tools:** Jira, Bugzilla, Quality Center, Rally, Gradle. ADO, Zephyr.

**Operating Systems:** Windows NT, Windows 2000 Server, Solaris, HP Unix, Linux, and Citrix

**Data Access Languages:** SQL, and PL/SQL.

**Database Servers:** Oracle, SQL Server, MongoDB, Sybase and DB2.

**Frameworks:** Junit, TestNG, Maven, TDD, BDD, Keyword Drive, Hybrid.

**PROFESSIONAL EXPERIENCE:**

**PWC, Remote Nov 2022 – Present**

**QA Automation Engineer**

**Responsibilities:**

* Responsible for identifying the Test scenarios and designing the automated Test cases and scripts for manual and automation scripts for smoke Test, Functional and Regression Tests.
* Followed Agile testing methodology, participated in daily scrum meetings and tested each sprint deliverables.
* Setup the required reusable actions, repository, environment variables, Global variables test data and functions required for the automation scripts functionality.
* Developed Test automation Script using Java, Selenium WebDriver and TestNG which performed Sanity Testing on every deployment performed in QA Environment and sent Email Notification on failure.
* Developed a Hybrid framework using Page object model and Data driven model on top of TestNG and Selenium WebDriver for Test automation.
* Performed Data driven automation Testing using SQL, JDBC connection and Selenium WebDriver. Performed cross browser testing and parallel execution of the Test Scripts using sauce labs and Selenium Grid.
* Designed and implemented end-to-end test automation solutions using Katalon Studio for web applications. Developed automated Test Scripts using Groovy Script and Java for custom Keyword Framework.
* Developed custom automation frameworks using Katalon Studio, incorporating best practices and efficient test design patterns. Performed functional testing to identify various critical points in the application and automated it by using Katalon Studio.
* Tested compatibility of application for dynamic and static content under various cross bowsers using HTML, Ids and XPATH in the Katalon Studio. Experience in Object Identification using XPath and other locators for developing automated Test script.
* Developed framework using Cypress top automate UI and used JavaScript, NodeJS and NPM for Angular based user Interface. Performed UI and API testing using Cypress for End-to-end testing.
* Designed and developed automated tests using cypress for ensuring reliability and functionality of web application and worked closely with our development and QA Team to drive test automation with best practice and high-quality software.
* Developed and executed automation tests for complex API tests, including both backend and UI based components, increasing test coverage by 45%.
* Used Java and internal custom-made framework to automate backend Rest service layer for API testing.
* Designed and documented REST/HTTP, SOAP APIs, including JSON data formats and API versioning strategy.
* Tested web services, Validated request and XML response, SOAP calls, Restful calls and WSDL using SOAPUI tool.
* Verified and validated reports that were generated using JSON, HTML. Used Postman API to get convenient, visual display of query results and worked with Chrome extension Postman REST client, an HTTP client for testing web services.
* Developed test automation framework for native and mobiles application using Appium on iOS and Android platforms with Webdriver protocol. To create a robust framework for testing mobile application across different platforms integrated Appium with JUnit and Java for managing Test cases and generating reports.
* Experience with Jenkins and ADO for nightly execution of Automation suites. Used ADO for global test management, bug tracking and reporting. Worked on Azure (Visual Studio Team Services) Confidential to manage a backlog for daily activities.
* Integrated CICD pipeline from ADO to Lambda Test for daily execution and continuous deployment of automated Test Scripts. Responsible for Running Parallel Automation Executions using Lambda Test.
* Experience in validating Lambda Test reports generated after manual execution of the Test Scripts. Experience in validating the data using MongoDB and SQL.
* Identified, analyzed, and documented defects utilizing JIRA as defect tracking system and Confluence as knowledge and documentation management system. Reported defects using JIRA and interacted with the developers to resolve technical issues.
* Analyzing Existing Test Scripts and modifying based on the change requests and sprint goals. Test runs, Test result analysis, Test result reporting and issue fix verification through automation.
* Used Git Hub, source code management tool for code reusage, high portability extending scope of Automation testing.

**Environment**: Selenium, Cypress, Katalon Studio, Postman, TestNG, Agile, XML, Java, JavaScript, Groovy, Hybrid Framework, LoadRunner, Web Services, Azure DevOps, Data Quality, Git Bash, JIRA, Lambda Test, MongoDB, SQL.

**AmerisourceBergen, Fort Mill, SC Oct 2021 – Aug 2022**

**QA Automation Engineer**

**Responsibilities:**

* Participated in Walk-throughs for a review of Test Scenarios with UI/UX designer, Developers and Product Owner.
* Review with team all necessary documents and ensure that all scripts and documents are updated.
* Experience on Playwright Testing for End-to-end test framework for AngularJs applications and other TypeScript applications. Performed Manual Testing for web application and automated test scripts using Playwright.
* Configured playwright framework for parallel and cross-browser testing and isolated the execution by parameterizing the test at project level and test level.
* Performed Regression Testing for new builds and every modification in the application using Playwright Automation tool. Experience in building and configuring Playwright Framework with TypeScript for E2E and component testing with page object model and BDD approach.
* Experience in testing RESTful APIs using Rest Assured framework to make synchronous and asynchronous calls over HTTP. Integrated Rest Assured with TestNG framework for unit and integration testing for RESTful APIs.
* Developing automation test scripts for the front-end applications, backend services/tools, service contracts, SDK and REST APIs. Proficient in troubleshooting API issues and debugging test failures using Postman's debugging tools and error logging features.
* Designed, implemented and maintainable test cases in Swift using XCUITest to cover various user scenarios and edge cases. Built comprehensive regression test suites in XCUITest to ensure the stability and integrity of iOS applications through repeated testing of critical features and functionalities.
* Worked on Defect management, Bug Lifecycle management and Reporting using JIRA and Zephyr.
* Maintained and Updated JIRA to measure the testing process and requirement progress. Managed and monitored end-to-end testing using Zephyr to improve quality of the software.
* Experience with mapping JIRA with BITBUCKET for proper tracking.
* Implemented a continuous Delivery pipeline with Jenkins and GitHub and AWS. Implemented Jenkins Code Deploy plugin to deploy to AWS and used to automate build process and deploy the application.
* Involved in building the pipeline framework for Continuous Integration and Continuous Deployment (CICD) on AWS.
* Executing and maintain automation regression suite for major releases bi- weekly releases.
* Responsible End to End testing for every weekly release. Involved in Bugs Tracking and prepare Bug report Document.
* Reporting status of testing progress, issues to team lead on a weekly basis and participated in daily stand-up meetings.

**Environment:** Playwright, Typescript, Rest Assured, Java, Postman, Swift, XCUITest, Jira, Zephyr, Bitbucket, Jenkins, AWS, Maven, GIT, Hybrid Framework, Keyword Driven Framework, TDD Framework, TestNG, Eclipse, Sauce Labs, SQL, and POSTMAN.

**ACI Worldwide, Norcross, GA Feb 2019 – Sep 2021**

**QA Automation Engineer**

**Responsibilities:**

* Experience in Agile Methodology and participated in Sprint planning, Sprint Retrospective, Product Backlog Refinement and Daily scrum meetings.
* Developed custom automation frameworks using Selenium, incorporating best practices and efficient test design patterns. Maintain Selenium scripts in between releases.
* Developed and maintained automated test scripts for Regression testing using Selenium WebDriver, xUnit and C#. Tested the REST calls (POST, GET, PUT, DELETE methods) using POSTMAN.
* Developed a BDD Hybrid framework using Data driven model on top of SpecFlow, xUnit and Selenium WebDriver, .NET for Test automation.
* Verified and validated reports that were generated using ASP.NET and C#.
* Experience with Node based Automation scripts using JavaScript for UI Automation.
* Involved in running Selenium automation scripts and updating the scripts according to enhanced requirements using Selenium WebDriver.
* Developed, managed, and executed automated tests for APIs using ReadyAPI with Groovy scripting. Integrated Ready API with external systems and services. Performed HTTP requests and worked with JSON/XML data and interacting with the SQL database to validate API responses.
* Integrated ReadyAPI with Jenkins and automate the execution of API tests as part of CICD pipeline, ensuring the quality and reliability throughout the development and delivery lifecycle.
* Conducted extensive API testing using Postman, including validating endpoints, verifying response data, and ensuring compliance with specifications.
* Created test data and environment setups to support automated UI testing of iOS app features and workflows using XCUITest. Executed XCUITest test suites within XCode’s testing environment, running tests on simulators and physical iOS devices using Swift programming language.
* Designed and executed functional tests in Swift to validate app features, business logic, and data processing functionalities of iOS applications.
* Identified, reported, and tracked software defects using issue tracking systems Jira and collaborated with development teams to prioritize and resolve issues.
* Performed Cross Browser and parallel testing to test the applications are working as desired in different browsers and environments.
* Responsible for writing and executing load, volume and performance test for Java based platform using JMeter and uploaded scripts in BlazeMeter and sharing the report to appropriate team.
* Created SQL scripts for test validation. Involved in testing GraphQL APIs JSON response using Postman.
* Performed Data Validations for correctness and testing the UI & API part of it with queries for GraphQL & Database.
* Integrated the test suits to Jenkins and automated the execution for every deployment. Integrated Unit, component, regression, and smoke suites to each build using Docker, Git, Jenkins.
* Involved and developed a DevOps as a service using Docker and Kubernetes deployed to Docker cloud, AWS, Azure.
* Worked on Manual Testing by creating Proposals.
* Worked with Cloud Administrator on Microsoft Azure and involved in Configuring Resource Groups, App Services and Storage accounts. Automated ARM templates to deploy the Azure Cloud Infrastructure, Templates to create alerts.
* Attended Sprint Retrospective meetings to highlight what went right/wrong to improve the process for the team going forward.

**Environment**: Selenium, .Net, C#, xUnit, Specflow, ReadyAPI, Groovy, Postman, Swift, XCUITest, Agile, XML, .Net, Hybrid Framework, Blazemeter, JMeter, Web Services, AWS, Data Quality, Git Bash, JIRA, Selenium-Grid, Eclipse, SharePoint, SQL, GraphQL.

**Allstate, Chicago, IL July 2018– Jan 2019**

**QA Engineer**

**Responsibilities:**

* Designed test cases, test scenarios & reviewed test cases by going through the Functional Requirements & User Requirement documentation.
* Performed end-to-end testing of the workflow which included Smoke, Functional, Regression and System Testing.
* Worked with developers & managers to ensure all functions of the application are correct.
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML, Ids and XPath in Selenium. Maintain Selenium scripts in between releases. Reproduce failed automated test cases manually.
* Working with the Development team to modify applications to accommodate automation when needed.
* Implemented Regression and Smoke tests execution as separate step of deployment process.
* Develop and Build Automation Framework from scratch using WebDriver, Eclipse, TestNG and java in Windows platform to cut down regression testing time and conducted stress testing.
* Used Selenium Grid to run test cases in multiple browsers. Designed and implemented end-to-end test automation solutions using Selenium for web applications.
* Performed testing RESTful webservices and API calls with web service test clients like SOAPUI, POSTMAN and Fiddler. Created automation scripts in SOAPUI using Java for web services testing.
* Documented and developed Test Scripts using Object-Oriented Programming concepts (OOP), Exception Handling and Data structure in Java.
* Experience with systems integration testing applications developed for .Net platform.
* Performance tuning using .Net application by caching, sessions, etc.
* Created and executed test cases, logged, and assigned defects, and kept track of the defect status.
* Developed automation scripts for Mobile Native applications on iOS and Android platforms using Appium, Java and XCUITest. Used XCode build for building and running XCUI Tests from command line.
* Performed mobile testing using Appium for Android and IOS mobile applications. Swift knowledge and automate IOS app regression using XCUITest libraries.
* Excellent debugging and problem-solving skills with Eclipse, Android Studio and XCode.
* Provided support in the performance testing using JMeter task includes developing test plan, test scripts and reports.
* Responsible for writing and executing load, volume and performance test for Java based platform using JMeter and uploaded scripts in Blazemeter and sharing the report to appropriate team.
* Created manual Test Cases in HP QC/HP ALM for various User Stories based on Release & Sprint plan. Identify, investigate & submitted defects in JIRA.
* Used Git Bash to push or retrieve the code from Git repository. Used GIT source control and Jenkins for CICD.
* Actively participated in all status meetings with clients and coordination with offshore.
* Communicated with the project management team and QA Lead to resolve defects.
* Participate in weekly meetings to generate Daily Test Status Report for all required test phases.

**Environment**: Selenium, TestNG, Postman, SOAPUI, XCUITest, Swift, ALM, XML, Java, Blazemeter, JMeter, Git Bash, JIRA.

**Young Men's Christian Associations (YMCA), Chicago, IL April 2017 – July 2018**

**QA Analyst**

**Responsibilities:**

* Developed and maintained automated test scripts for Regression testing using Selenium WebDriver and TestNG.
* Implemented performance and load testing of an application.
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and XPath in Selenium.
* Implemented Object-Oriented Programming (OOP) concepts using Inheritance, Polymorphism, Exception Handling and Collections. Identified web elements with dev-tools for Selenium, developed script with Java 8.
* Created Test plan, High level scenarios, test case construction and test estimates, resource estimates and weekly status reports.
* Involved in Performing Functional testing, Regression testing, System testing, Integration testing, Security testing, Configuration testing, GUI testing and User Acceptance testing.
* Conducted Test Case Walkthroughs to achieve consensus on Test Case correctness & completeness ensuring width and depth of test scenarios.
* Conducted white box testing to understand an internal perspective of the system to design test cases.
* Developed test scripts with Selenium to automate browser and web applications under Cucumber (BDD) Framework. Maintained BDD (Behavior Driven Development) tests using Cucumber and JavaScript.
* Involved in testing of services using SOA/REST API services using SOAP UI, Groovy Script.
* Created test planning and participated in execution for API testing using Test harness tool.
* Used Git Bash here to push or retrieve the code from Git repository. Integrated Jenkins and Bamboo with version Controller (GIT) and Scheduled builds to run automatically during a build release by invoking predefined Maven commands.
* Performed for setting up performance environment and running tests using high performance web services.  Analyzing performance test results and publishing the findings in various reports
* Orchestrated test execution, monitored system resources, and collected performance metrics using LoadRunner Controller, analyzing CPU utilization, memory consumption, response times, and throughput.
* Integrated LoadRunner with Continuous Integration (CI) pipelines using CI/CD tool Jenkins, automating test execution, result analysis, and reporting.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Developed and executed SQL queries in the database to conduct data integrity testing by checking the data tables.
* Provide cross-browser (Chrome, Firefox, MSIE, and Safari) and cross-platform (Windows 8) testing of the application's web pages.

**Environment:** Selenium, BDD Cucumber, TestNG, SOAPUI, REST API, Jenkins, JIRA, SQL, Agile, XML, Java, Groovy, LoadRunner, BDD Framework, Hybrid Framework, SOAP UI, GIT.

**Capital one,** **Richmond, VA Feb 2015– March 2017**

**QA Tester**

**Responsibilities:**

* Responsible for creating automation scripts by using QTP with a data driven testing framework.
* Developed automated Test Scripts in QTP using VBScript for Regression Testing.
* Created manual Test Cases in HP QC/HP ALM for various User Stories based on Release & Sprint plan.
* Performed functional testing, integration testing, black-box testing, and system, regression testing, and user acceptance tests. Prepared and presented deliverables for testing done by the Performance testing team.
* Worked on TestNG Framework using Web Driver, Eclipse, and Java in Windows platform to cut down regression testing time. Used SOAPUI assertions and Groovy script for web service automation Testing.
* Developed automation test suite from scratch with Selenium Web Driver with TestNG with Java for Web app to help in regression testing using page object model design pattern.
* Worked with open-source tools such as Selenium (Selenium IDE, Selenium RC, Selenium Web Driver, and Selenium Grid), Jenkins, Maven, Soap UI, JIRA and Eclipse.
* Report Test Failures and Defects using HP Quality Center and Team Foundation Server (TFS) and provide management with Regression Test Reports and Progress Reports.
* Used Git Bash to push or retrieve the code from the Git repository. Integrated Jenkins with version Controller (GIT) and Scheduled builds to run automatically during a build release by invoking predefined Maven commands.
* Used Gradle plugins, Git for version control, Jenkins for project tracking for Web application.
* Used Apache LoadRunner and JMeter to perform basic load and stress testing on web applications.
* Used LoadRunner Analyzer to be prepared detailed Load Test Analysis Report with Graphs and the application bottlenecks from the script execution.
* Performed Backend testing using SQL queries to make sure that data entered has been uploaded correctly into the database tables.
* Extensively used SQL statements to query the Oracle Database (RDBMS) for Data Validation and Data Integrity.
* Developed and customized test scripts in UFT and played back the scripts after fixing the bugs.
* Used ANT and MAVEN as a build-tools on java projects for the development of build artifacts on the source code.
* Involved in creating automation test suites for progression & regression testing in SOAP UI. The messaging formats included REST based clients with XML payload.
* Excellent debugging and problem-solving skills with Eclipse, Android Studio and XCode.

**Environment:** HP QTP/UFT, ALM, Quality Center, Selenium, Java, TestNG, Soap UI, Cucumber, HTML, XML, UNIX and Windows, SQL, Oracle, Maven, JIRA, Keyword driven and Data-Driven framework, Manual testing.

**Education:** Master’s in computer sciences, Silicon Valley University, 2016.

Bachelors in electronic & communication engineering, Osmania University, 2014