SUHASINI RAGHUWANSH

Email:suhasinisdet@gmail.com
Phone: 972-824-4411

Professional Summary

- QA Engineer with 9 years of experience in Application development and Automation Testing with experience in Analysis, Design and Maintenance of Manual and Automation testing for Client/Server, Web-Based, Cloud-Based, Mobile-Based applications and Web Services.
- Experience in Software development and Automation testing in Airlines, Ecommerce, Retail, Banking, Billing and Content Management System industries.
- Excellent working knowledge of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC). Worked in various development methodologies such as Waterfall, Agile (Scrum).
- 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, Functional Testing, GUI Testing, Automation testing and Mobile testing.
- Experience in process documents like Test plans, Test cases, Weekly status Reports, bug reports etc.
- Hands on experience in creating Page Object Model, Modular-driven and Data Driven test automation frameworks.
- Experience in Selenium Components: Selenium WebDriver, Selenium GRID, Selenium IDE (Java).
- Highly experienced in creating test automation strategy for Regression testing using Selenium WebDriver, JUnit and TestNG frameworks.
- Experience in designing, developing and maintaining Behavior Driven Development Framework applying Page Object Model pattern using Java and Cucumber with JUnit.
- Experience with Behavioral Driven Development (BDD) or Test-Driven Development (TDD) in script/framework automation using Selenium.
- Well versed in web services and API testing using SOAPUI Pro or POSTMAN tool for both SOAP and REST services.
- Experienced in creating Automated REST services testing processes using Maven project integrated with Rest Assured, Java, TestNG and Karate DSL framework with Junit using GRADLE.
- Experience in version control system GIT for source code maintenance.
- Rich hands-on experience in Mobile testing for Android platform using Appium.
- Experienced with Docker containers and AWS EC2 instance creation.
- Experienced in DEVOPS concepts on Continuous integration and Continuous delivery (CICD) by using tools like Jenkins.
- Well versed in creation of automation test scripts for Cross Browser Testing for Firefox, Safari, Chrome and IE using Selenium Grid.
- Experience in defect management tools and bug reporting tools including Jira, Rally, HP QC.
- Worked on various technologies like SQL, JSON, XML and HTML and experience in working with Agile and Waterfall testing methodologies.
- Extensive experience on using Appium Mobile Automation Framework to automate the GUI of Native, Mobile web and Hybrid based Applications. Have knowledge of Python programming language, Microservice, Groovy Script, TestRail and BowserStack.
- Worked on Sikuli GUI Automation tool to automate Flash based application which allows users to automate GUI interaction by using screenshots. Good knowledge of Selenide ,Serenity BDD framework.

Technical Skills

Automation Testing Tools	: Selenium, Cucumber, Rest Assured, Karate Framework, Appium, Sikuli.
Languages/Framework	: JAVA, PYTHON, JUNIT, TESTNG.
Bug Tracking Tools	: Jira, Rally, HP Quality Center.
Build Management Tool	: GRADLE, MAVEN Project Object Model (POM).
Operating System	: Windows XP/Vista/7/8/10, MAC OSX, Linux (Ubuntu/CentOS).
Database and Migration	: Microsoft SQL server, MySQL, Oracle, Flyway.

Languages	: HTML, XML, PL/SQL, T-SQL.
IDE and Source Control	: IntelliJ, Eclipse, Git, GitHub, Bit bucket
Browsers	: Internet Explorer, Google Chrome, Mozilla Firefox, Safari.
DevOps	: Jenkins, AWS, Docker

Professional Experience:

Client:Southwest Airlines - Dallas, TX   **(May 2020- Present)**
Role: QA Automation Analyst
Project Description: ETOPS training is an enhancement project to enable southwest airlines pilots and other crewmembers to fly/support flights to Hawaii and more. ETOPS is an enhancement to the existing scheduling and record keeping application. The scheduling application enables the scheduler to schedule training, notify the pilot for the training, setup training footprints, schedule trainees and instructors, etc. Record keeping application has more administrative capabilities to qualify/disqualify pilots and other crewmembers based on their training status.

Responsibilities:
- Analyzed the business requirements and developed the Detail Test Plan, Test Scenarios, Test Cases and Test Scripts.
- Followed and contributed to Agile/SCRUM activities like Sprint Planning meeting, daily stand-ups, Backlog grooming, Sprint Review and Retrospective.
- Experienced using Java, Selenium WebDriver, TestNG on IntelliJ IDE to develop Test Automation framework from scratch as Gradle build project.
- Worked on Page Object Model design pattern followed framework and make sure the framework is reusable and maintainable.
- Executed test scripts in headless browsers like Html Unit driver and Phantom JS in order to run on Jenkins Master slave which was on AWS(CentOS)
- Knowledge and experience of doing web service/API testing manually using Postman and doing automation testing by using Karate Framework with JUnit.
- Used Log4j and commons-logging frameworks for logging the application flow. Used Bit Bucket repository hosting service for Version Control Management.
- Source code management and code sharing was done using Git. Reported and prioritizing the defects using Defect Tracking System JIRA
- Was involved in setting up Oracle database inside Docker container by using bash shell script in order to run
- regression automation tests on Jenkins (AWS) CentOS.
- Used Flyway an open-source database migration tool to interact with the database to perform Grant/access permissions, DDL, DML, drop all objects by using Flyway basic commands such as Migrate, Repair, Clean, Undo.
- Automated Flash application using Sikuli GUI Automation tool which automates anything you see on the screen using the image recognition method to identify GUI elements.
- Configured Jenkins Build for continues Integration pipeline as Downstream job for Regression Testing.
- Implemented automated execution of tests, reports bugs and send e-mail notifications to the developers whenever there was a change in the status of the defects using Git and Jenkins.
- Involved in Documenting the dockerize database setup steps into the Confluence Page.

Environment: Windows 10, Linux, Tomcat, Selenium with Java, TestNG, Docker, Oracle, Git, Jira, Gradle, Jenkins, IntelliJ IDEA, Confluence

Client:Neiman Marcus - Dallas, TX   **(Oct 2017 -March 19)**
Role: SDET
Project Description: Neiman Marcus is an Omni-channel retail organization which sells products to the customers through multiple channels (Online, Phone, Store etc.). The main objective of NM one project is to maintain a common inventory platform for all the channels so that accurate inventory information is available with all channels at any given point of time to fulfill customer need without over or under stock situations. The features of the application include modules like Login, Product Search, Product Details, Shopping Cart, Add, Edit and Remove Products, Payment and

confirmation.

Responsibilities:
- As an Automation Engineer, involved in implementing the framework, developing automation scripts for the new User stories, Maintain, and run the Regression Scripts.
- Developed test plan, test cases and test scripts in Rally after requirements are signed off.
- Developed and maintained a Page Object Model design pattern, which was built to reduce repetitive manual testing using Selenium WebDriver, Java, Maven and TestNG. Scripted the Test cases and managed the framework dependency jars using Maven.
- Extensively worked on TestNG framework with Java and Selenium. Used Data Providers using TestNG.
- Created a framework enabling a library with a rich set of tools that allow efficient page object creation ensuring a high degree of technical debt management and quality using Selenium WebDriver.
- Responsible to verify Web services API request, response data validations in REST architect.
- Identified methods to optimize the overall test effort through scripted automation. Converted previously generated manual test case suites to scripted automation.
- Conducted Smoke testing, Functional testing, Integration testing, Regression testing, User Acceptance Testing (UAT), Cross browser testing and Data validation.
- Used Rally for raising issues, bugs, defect tracking, writing suggestion, writing and executing test.
- Pushed the ready and tested automation scripts to the GITHUB.
- Involved in the testing and automation of all REST API using Rest Assured related to the application.
- Used different assertions and test strategies of SoapUI Pro to execute API testing.
- Created and updated manual test cases for the critical security functionalities.
- Used Jenkins as the integration tool to deploy the build in the QA Environment.
- Created Automation Scripts and framework for Hybrid Android Mobile App using Appium and Selenium Web driver.
- Performed both manual and automation for the mobile app on Android 4.4-6.0 versions using Android SDKs and Appium Server. Integrated HTML report for Android automation scripts.
- Create automation test scripts for cross browser testing for Firefox, Safari, Chrome and IE -used Selenium Grid to run the test suite across multiple browsers concurrently. Create SQL queries to fetch the data from database.
- Used UNIX commands to check for error logs in UNIX server through Putty.

Environment: Windows 10, Selenium WebDriver with Java, Git, Jenkins, MySQL, Rally, Firebug, Eclipse IDE, TestNG, Maven, Appium, Web Services (Rest API).

Client:Union Bank–LA, CA   **(Feb 2017 – Aug 2017)**
Role: QA Automation Engineer
Project Description: Union Bank is one of the leading banking company in banking division. The key features of the application include modules like account setup, customer updates, funds transfer, account summary reports, charges and fee, credit and debit requests and monthly statements.

Responsibilities:
- Involved in Planning, Estimating, Designing, Developing and Executing Test cases for Automation Testing using Selenium WebDriver, with Java, TestNG.
- Involved in implementing Modular-driven as the framework for Test Automation.
- Conducted Black box, Regression, Negative, Functional, Compatibility and Integration testing.
- Involved in Automation Framework design and Generated manual test cases and Automation Scripts to test the functionality of the application using Selenium.
- Conducted Cross browser testing (IE, Chrome, Firefox and Safari) using Selenium.
- Developed test cases for product features experience – both manual and automated tests.
- Developed Test Cases using WSDL, Schema files which defines Web Service Request, Response, methods/operations, End Point of web service to be tested. Involved in webServices testing using SOAPUI.
- SQL Queries for backend testing to check the data integrity and data consistency.

- Converted existing Automation framework by using Cucumber (BDD) framework created Feature file using Gherkin keywords, Scenarios, Test Runner and Step Definitions. In addition, managed the framework dependency jars using Maven.

Environment: Java, Selenium WebDriver, TestNG, Eclipse, Rally, MS SQL Server, Agile Methodology, MS Excel.

Client:JEA, Jacksonville, FL   **(Jan 2016 - Dec 2016)**
Role: QA Automation Tester
Project Description: JEA is a community owned electric, water and sewer utility in Jacksonville, Florida dedicated to safety, reliability and customer satisfaction. We serve 422,314 electrics, 309,221 water and 235,615 sewer customers in our 913 square mile service territory that includes all of Duval and Nassau Counties and parts of St. Johns, and Clay Counties.

Responsibilities:
- Involved in Test case requirement review and functional testing of the application.
- Developed and Executed Automation and Manual test cases for Functional testing of various modules of the application.
- Used Selenium tool (selenium IDE is a plug-in to Firefox) to record and playback tests and then export the recorded test in other language e.g., html, Java. Automated functional scenarios using Selenium IDE.
- Developed and participated in building test automation using Selenium WebDriver and executed test cases and implementation test suites using Junit framework.
- Executed browser compatibility and regression tests using Selenium-WebDriver for testing UI for every new build release.
- Effectively participated in every day agile scrum stand-up meetings and participated in Iteration planning and retrospective meetings. Executed positive and negative scenarios.
- Created automated scenarios using Selenium for regression and Data-Driven testing. Performed Smoke, Functional, System, Integration, Regression Testing.
- Used SQL queries to perform the back-end testing on MS SQL Server.
- Conducted regression testing after every new build. Worked with users on User Acceptance Testing.
- Involved in tracking and reporting defects using QC and was responsible for communicating the status to the development team. Used HP Quality Center to report defects and test results.

Environment: Java, Selenium IDE, Junit, SQL, HP Quality Center, Agile, MS Excel, MS SQL Server and Windows.

Client: Improving, Houston, TX   **(Jan 2014 - Dec 2015)**
Role: QA Automation Tester

Responsibilities:
- Created test cases for the given business requirements and design specifications.
- Experienced in creating test plans, scenarios, and test cases for the given requirements.
- Experienced in reviewing the test cases written by other team members.
- Participated in technical requirements, design discussions, and leading test plan reviews.
- Experienced in creating test data according to requirements
- Experienced in identifying the test cases that can be automatable.
- Experienced in executing test cases (manual or automated (Java & Selenium)) and analyze results.
- Have exceptional experience using Postman for REST API testing.
- Extensive experience in writing and reviewing test scripts for automation testing using Selenium WebDriver and Rest Assured (Java Library) for Web based applications and Rest API's.
- Used Sauce labs to run test scripts across browsers and platforms.
- Good experience in using TestNG for prioritizing, grouping, and running test scripts parallelly.
- Good experience in giving demos on automation scripts to the product.
- Good experience in fixing the failures in the existing scripts.
- Good experience in writing effective xpath's to locate web elements in the webpage.

- Good hands-on experience using Git, maven, and Jenkins.
- Good experience in creating suite files to run test scripts according to needs.
- Good experience in reviewing the code of other team members.
- Good experience in writing effective queries to retrieve data while testing API's.
- Participated with Development or Product Management in Project and Backlog reviews.
- Worked with all stakeholders to ensure that the quality metrics are reviewed, closed, and agreed upon.
- Executed the Test cases, track the results and demo them to business as needed.
- Created Strategies to mitigate the risk and taken measures to control it.
- Created testing environment, including technical configuration, all environmental components, data, automated test scripts and security.
- Ability to communicate complex technology solutions to diverse teams namely, technical, business and management teams.

Environment: Java, Selenium IDE, WebDriver Junit, SQL, HP Quality Center, Agile, MS Excel, MS SQL Server and Windows.

Education:
Bachelors in Engineering (B.E) from Osmania University, INDIA.