**Sumanth V**

[**sumanth19.v@gmail.com**](mailto:sumanth19.v@gmail.com) **|(226)566-8536**

**Professional Summary:**

* Having 5 years of experience in Manual Testing & Automation Testing in Selenium. Proficient in the Selenium Web driver, implementation of Page Object Model with Hybrid Frameworks, Cucumber, SoapUI.
* Strong working experience in implementing Waterfall and Agile (Sprint/Scrum) Methodology by analyzing requirement specifications and responsible for developing Test Objective, strategies, Scope, Test procedures and Test Matrices
* Experience in Web based testing including GUI Testing, Regression Testing, Integration Testing, System Testing, Performance Testing, Stress Testing, Functional Testing and Unit Testing
* Experience in Hands-on Testing, writing Test plans, defining Test cases for various module screens of the application, developing and maintaining Test scripts, analyzing results and reporting defects
* Strong experience with SOA architecture which include Soap and Restful Web Services. Experience testing at the Service layer with any tool from Postman to SoapUI, to any post/response validation tool is necessary.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
* Designed and developed Web Pages using NET Core 2.0, React JS, ASP.NET Controls, C#,
* Experience with Web Services testing and back-end service/API tools such as SoapUI, HTTP Client, Soap Client and JAXB. Hands on experience accessibility testing (JAWS). Strong working knowledge in Java/JavaScript coding with strong SQL, Groovy Background.
* Good knowledge in front-end technology and framework such as HTML, CSS, Core JavaScript, AngularJS 4, ReactJS, and jQuery. Exposure to web technologies like JavaScript, XML, XPATH, AJAX, HTML, CSS, SOAP, and jQuery.
* Knowledge on using Accessing Forms, tables, link, Keyboard Mouse Events, Uploading File using Selenium WebDriver Proficient on Automation tools such as Selenium RC/ WebDriver IO/ IDE/ Grid and QTP/UFT (Functional & Regression Testing), Apache Kafka, Spark, Protractor, SoapUI, Cucumber, JUnit, JIRA, TestNG, Ant, Maven, Jenkins for testing Client Server and Web based Applications.
* Extensively worked on Selenium WebDriver with the preferred Languages Core Java, C Sharp, Python, Ruby and Perl.
* Proficient in configuring, customizing and using testing tools like Cucumber, HP Quick Test Professional Quality Center tool, Jira, Selenium (Web Driver), AWS, Fastly, GitHub, and Jenkins
* Experienced in using cutting edge DevOps tools to manage and secure our AWS and deployment environment.
* Experienced in Database Testing using SQL Queries with multiple Databases, SQL Server, and MySQL. Hands on Experience with Cross-Browser and Compatibility Testing to test whether the web applications are working as desired in different browsers and environments. Designed and Implemented different automation frameworks like Keyword Driven Framework, Data Driven Framework, and Hybrid Framework for several projects.
* Prepared Test Cases and Test Plans for the Enterprise Data Warehouses and Web Applications and executed those Test Cases and Test Plans.
* Expert in writing complex SQL Queries to check the integrity of data to perform database testing.
* Used Selenium WebDriver and TestNG to run parallel testing by creating Groups, and categorizing test cases. Experience in Back-end testing, data validation, Database testing using SQL queries.
* Expertise in documenting defects with elevated level of detail, accuracy, and informative recreation steps using Quality Center, Rally, JIRA, IBM Clear Quest.
* Performed Web Services testing using SOAPUI tool which is extensively helpful in ecommerce applications.
* Experienced in using Apache POI to read data from external sources to feed locators into the test script.
* Responsible for developing the scripts to support Jenkins (Continuous Integration) of the scripts with build server. Worked on Test Data Management (TDM) tools and supported automation frameworks.
* Experienced in provisioning and deploying various microservices to AWS using Terraform and CloudFormation and leverage various AWS services such as VPC, ECS, SG, ALB, S3, Auto scaling, etc.
* Involved in UI Designing, Development and Testing of Web Forms using ASP.NET, VB.NET, XML/XSDADO.NET and .NET Framework.
* Hands on experience with Test management tools such as HP Quality Center/ALM. Generated (TSL) Test Scripts and validating the scripts using Synchronization point. Running batch execution and sending status report to higher management. Generated test logs using Log4j for various log levels
* Developed automation script for Mobile Native applications (IOS, Android) using Appium and have used Perfecto to perform extensive mobile testing.
* Dynamic and assertive team player with a strong inclination to improve and optimize process development and implementation.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Project Methodologies** | Rational Unified Process (RUP), Water Fall, Agile |
| **QA Software** | HP Quality Center ALM, TFS, Jira, HP ALM, |
| **Testing Tools** | Selenium WebDriver/RC/IDE/GRID, Worksoft certify, Cucumber, Soap UI, Ready API, Advanced REST client, QTP (UFT), HP Quality Center, J behave, Espresso tool, |
| **Business Modeling Tools:** | Rational Rose, MS Visio |
| **ETL Tools** | Informatica, SSRS, SSIS, Teradata, Spark, Hive |
| **Test Framework** | Junit, TestNG, Data Driven Framework, Keyword Driven Framework, Hybrid Framework, Page Object Model, Protractor. |
| **Build Tools** | Ant, Maven, Jenkins. |
| **Requirement Management Tools:** | Rational Requisite Pro, |
| **Defect Tracking Tools:** | Rational ClearQuest, Test Director, JIRA, Bug Zilla, Rally, HP ALM/Quality Center, IBM Clear Quest |
| **Operating Systems:** | Windows NT/XP/2000, UNIX, AS400 |
| **Databases:** | MSSQL, MS Access, Oracle, DB2 |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari. |
| **Languages:** | SQL, HTML, SOAP UI |

**PROJECT DETAILS**

**Client: IGM Financial Inc, Winnipeg, MT. Jun’21 -Till Now**

**Role: Senior QA Automation Engineer**

**Responsibilities:**

* Involved in developing Test plan, test scenarios, test scripts and test cases based on requirements. Collaborate with Scrum team (Product owner, developers, Business Analyst) in daily stand ups, backlog grooming, sprint planning, Sprint review and sprint retrospective meetings.
* Worked with Android SDK Manger for performing Mobile testing using Appium.
* Performed Automation testing (emulators & IOS Simulators) & Mobile Application Testing using Appium.
* Designed Hybrid Appium Test automation framework, Page Object Model for mobile application (Android/iOS apps).
* Executing the test plans on web and mobile (Apple & Android) as per requirements. Implemented simulator for Mobile App Testing in Android Platform using Appium.
* Experienced with Mobile application testing iPhone, Android feature phones using Simulator "Device Anywhere".
* Involved in testing application on different mobile Platform such as iOS and Android devices by using Appium on mobile testing. Worked on Web Technologies using JavaScript, jQuery, XML and JSON.
* Triggered the automation jobs using Jenkins to get the cucumber JSON reports. Executing the test plans on web and mobile (Apple & Android) as per requirements.
* Used Firebug and XPath for the web-based application testing with selenium for the commands and locator application. Used SOAP UI tool to test SOA based architecture application to test SOAP services & REST API.
* Develop and update automation scripts (Selenium, Java, Soap, JavaScript) for Functional, Smoke and Regression testing
* Involved in writing test scripts using java and executed it through selenium cucumber. Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules.
* Designed & implemented BDD automation framework using Cucumber, Groovy and Maven for webservices testing (SOAP & REST API)
* 5Preparation of test data. Debugging logs by interacting with developers. Implemented Maven for Project building, Git for version control of project.
* Perform End-to-End Testing with different Applications and validating the integration. Scenarios for different services and data sets.
* Documented all important information (Queries, Test Data) into Confluence. Created and updated test cases in Qtest. Integrated Qtest and Selenium Automation scripts.
* Collaborate with DEVOPS team to run BATCH to verify post deployments results. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically
* Analysis of nightly run reports and prepare bug report. Created and executed Functional and Regression test cases on Mobile App (Android).
* Worked with Android SDK Manger for performing Mobile testing using Appium. Performed Automation testing (emulators & IOS Simulators) & Mobile Application Testing using Appium.
* Used Maven for building the WebDriver project. Integrated with Continuous Integration tools Jenkins for running tests on nightly basis automatically.
* Involved in writing test scripts using java and executed it through selenium cucumber. Automated running smoke tests and build report generator for daily builds.
* Designed & implemented BDD automation framework using Cucumber, Groovy and Maven for webservices testing (SOAP & REST API)

**Environment**: Selenium Web Driver, TestNG, Maven, Cucumber, Jenkins, IntelliJ, Agile, Jira, Java Script, Qtest, SoapUI, Git, SQL, Page model object and Key Hybrid Driven Frameworks, Java, HTML, XML

**Client: Infor, Hyderabad, India Jun’18 – May’21**

**Role: Senior Quality Analyst**

**Responsibilities:**

* Developed and maintained automated regression test cases in Selenium WebDriver using Java Script programming language and Testing Framework.
* Involved in creating automation test scripts using selenium WebDriver, cucumber built on Eclipse IDE
* Implemented Page Object Model Design Pattern with Page Factory, Keyword Driven, Hybrid automation frameworks. Using JUnit with Cucumber plugin and writing feature using Gherkin and java script.
* Used Maven for building the WebDriver project. Integrated with Continuous Integration tools Jenkins for running tests on nightly basis automatically.
* Involved in writing test scripts using java and executed it through selenium cucumber. Automated running smoke tests and build report generator for daily builds.
* Performed Defect Tracking & Management in JIRA. Generated automated daily reports using the JIRA API.
* Implemented AWS Code Pipeline and Created Cloud formation JSON templates in Terraform for infrastructure as code. Developed scripts in Protractor Automation Framework.
* Worked in a highly dynamic AGILE environment and participated in the scrum and sprint meetings. End to end execution of automated scripts, Test Result analysis.
* Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and JIRA reports. Developed Cucumber HTML, JSON test reports for analyzing the test outputs.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD)process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
* Automated end-to-end testing using Selenium Webdriver and Java Script for UI, functional and regression testing.
* Validated the Map reduce, Pig, Hive Scripts by pulling the data from the Hadoop and validating it with the data in the files and reports. Performed data validations between summary files and extract files after ETL flow.
* Involved in testing effort on multi data base testing like SQL server and big data. Managed maintenance/execution of existing automation suite in Worksoft Certify.
* Experienced in building and executing automated test solutions using Worksoft tools and some equivalent test automation tools like Selenium. Create scripts for new functionalities and update the existing scripts for upgraded functionalities.
* Used IntelliJ for developing automation scripts and project management tool using Java Script and Groovy Script.
* Used Groovy Script for SQL connection to database. Created automation scripts in SOAP UI using Groovy Script for web services testing.
* Designed & implemented BDD automation framework using Cucumber, Groovy and Maven for webservices testing (SOAP & REST API)
* Extensive experience in using automated tools like Ruby Cucumber test framework for Client/Server, Web and database applications.
* Created Ruby/Cucumber Automation framework document. Build and design internal portal UI testing framework include DB validation. (Selenium, Ruby)
* Build and design restful API and SOA testing frameworks of the ad-stack platform. (Ruby, Python, PyUnit)
* Fetched the test data into Test scripts from Excel using third party jar Apache POI. Used XPath and DOM to work with dynamic and static objects in Selenium.
* Performed Smoke, Functionality, Integration, System, Regression tests based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Prepared test cases, test data and test responsibility matrices for the application under test. Used Git as code repository and Code Collaborator to manage code reviews.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Used Postman for Webservices/API Testing.
* Performed Back-End Testing, database table manipulations of relational database systems by writing complex No Sql.

**Environment:** Selenium Web Driver, Protractor, TestNG, Maven, Hadoop, ETL, Jenkins, Eclipse, Agile, Jira, Java Script, Python, Groovy Scripting NoSQL, Apache Kafka, Cassandra, Bigdata Data Driven and Page model object and Key Hybrid Driven Frameworks, Java, HTML, XML.

**Client: ICE, Hyderabad, India Jun’17 to May’18**

**Role: QA Analyst**

**Responsibilities:**

* Created Test Automation Framework with Cucumber (BDD) and Selenium WebDriver. Worked on continuous integration environments and frameworks
* Triggered the automation jobs using Jenkins to get the cucumber JSON reports. Involved in Testing on both IOs/Android devices, in Window and Mac development responsibilities include QA for the organization websites.
* Worked with Protractor Automation Framework. Tested proper functionality and content using tools such as site core.
* Document and reports issue using Jira, and collating information in confluence. Worked on project using agile methodology
* Review functional or business requirement documents and use cases. Translation of requirements into test plan and test cases.
* Responsible for UI, Functional, Web Services, cross browser, Reports Testing of Web. Coordinate with other team members like Business Analysts, Developers. Advice or provide feedback on test activities and deliverables, conforming to appropriate quality requirements.
* Regularly assess testing progress and prepare test status report for management. Communicate with QA manager about testing progress, needs and any organizational/quality/technical risk/issue that might have an impact on the ability of the testing team to perform testing activities.
* Involved in setting up the testing environments and prepare test data for testing flows to validate and prove positive and negative cases.
* Experienced in Data Validation and Backend testing of databases to check the integrity of data. Validate solution, whether it is fits the purpose and supports the complete end-to-end client business process.
* Perform comprehensive analysis of any error using the logs, json, database etc., debug and record issues in a defect tracking tool. Defect tracking and documentation was done using Jira and MS Office, and review of defects with business users as well as technical team.
* Learn new technologies as needed and mentor or guide members of the project team, provide examples assist them in project deliverables.
* Created Test plan and test cases to provide full coverage to the requirements provided daily execution status reports to the management and escalated blocking issues.
* Actively involved with SCRUM and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments. Extensively used Selenium Web Driver to test the web application.
* Configured Selenium WebDriver, TestNG, Maven tool and created Selenium automation scripts in Core java using TestNG prior to agile release. Build scenarios in JMeter to analyzing results by performed Load and Stress tests.
* Responsible for implementation of Hybrid Test Automation Framework build using Selenium WebDriver, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Used Cucumber for browser-based testing with scenarios and situations. Implemented BDD framework using Cucumber.
* Creation of framework in Selenium WebDriver using behavior driven approach like Cucumber. Extensively worked on Selenium Web Driver with the preferred Languages Java, Java Script.
* Performed Data-Driven testing by developing Java based library to read test data from Excel & Properties files.
* Used Page Object Model, UI Mapping, Selenium, Data Driven using CSV, CSS Selectors as a part of Framework.
* Performed SOA / web services testing using SOAP UI, wrote adaptors to test / invoke web services. Prepared Documents for Protractor & Jenkins Installation in Windows and Linux Environment.
* Reviewed database test cases per assigned Requirements to validate reports by retrieving data with complex SQL queries from Oracle database and Writing complex SQL queries and update transaction and properties for accounts on stages for UI testing, Integration testing with different data points etc.

**Environment:** Java Script, Selenium WebDriver, SQL Server, Jira, Gitflow, HP ALM, TestNG, Eclipse IDE, Maven, Jenkins, Soap UI, Angular JS, Rest API, Cucumber, Load Runner, Protractor, QTP, Appium, HTML, XML, XPath, Firebug, PL SQL, ETL, Windows, Bugzilla, Jira.

**Education:**

Bachelors in Electronics and Communication Engineering from Aditya Engineering College Jawaharlal Nehru Technological University Kakinada, India.