**Sravani Makireddy**

**+1 6097210598**

**[sravma0598@gmail.com](http://www.apple.com/uk)**

**PROFESSIONAL SUMMARY:**

* A Quality Assurance Engineer with 10 years of experience in **automating the validations of various Web and API**’**s (Back End Testing) using various automation frameworks.**
* Proven ability in designing, creating, and testing automation frameworks using **Java, Java8, JavaScript, Selenium WebDriver, Junit, TestNG, Maven, and Jenkins.**
* **Automation Testing**, expertise in **Cucumber framework** with software development approach **BDD (Behavior Driven Development**) which bridges the gap between business stakeholders, developers, and QA testers by using a common **gherkin**’**s** language “**Given-When-Then”** syntax to describe software behavior and features and developed **Scenarios, Scenario outlines, features, and Step definitions, and generating the cucumber reports.**
* Proficient in creating, modifying, and maintaining new and existing **Selenium Java Hybrid** framework using **TestNG, Page Object Model design pattern, Page Factory, Extension Reports, Git, GitHub, and Jenkins.**
* API Testing, well experienced by calling API’s using Postman and automating it with Rest Assured Framework, TestNG, Json.
* Proficient inbug reporting, raising issues to the QA lead and other teams, and writing test cases using Application Lifecycle Management (ALM), JIRA, Bugzilla, Clear Quest, Team Foundation Server (TFS), Rally,
* Experience in Core Java, development by applying different concepts like **OOPS concepts, Collections, Strings, Exception handling, Multithreading**, etc.,
* Integration tools **(CI/CD) like Jenkins** for nightly test suite execution.
* Expertise in running multiple tests across **different browsers, operating systems, and machines in parallel.**
* Experience in writing **SQL queries and automating database** related tests using selenium- **JDBC methods.**
* Experience in **Waterfall and Agile Projects**, working very closely with Product owners in Agile and attending different ceremonies like **Sprint Planning meeting, Scrum, Backlog Grooming, Sprint Review, and Retrospective**.
* Sound knowledge on **Junit, TestNG** framework for **Unit testing, Maven for Project building tool, Jenkins for Continuous Integration**.
* Executed **cross-browser and parallel testing using TestNG**.
* Reviewing and analyzing **Requirement Traceability Matrix**, Business and System Requirements and creating Test Plans, Test Strategy, Test Cases, Test Scripts, Test Execution, Test Estimation & Test closure activities.
* Professional expertise in **Smoke Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software**.
* Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, Web Services, Boundary Value Testing.
* Experience in **version Control systems and Continuous Integration tools**.
* Expert using open-source bug tracking tool **ALM, JIRA**.
* Quick to adapt to **new environments, strong team player, good communication, good analytical, computation skills, enthusiastic learner, confident, sincere, & committed.**
* Outstanding communicator with extensive experience in customer service as well as ability to identify, develop and enhance client relationships.
* Proficient in using test automation tools such as **Selenium IDE, Selenium RC, and Selenium Web driver 2.0, Selenium Grid, HP**, **QTP and Mercury Quality Center to develop automation** testing scripts for web and client server applications.
* Using different t**ools like Firebug and Fire path element as a Firefox add - on for addressing web elements using locator's ID, Class name, CSS Selector, Xpath** etc.
* Experience in all phases of **Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle and methods like Waterfall and Agile (SCRUM, SCRUM-BAN), Waterfall**
* Experience in **Bug severity analysis, Bug reporting and can prioritise the issues based of Important, Urgency and hot fixes**.

TECHNICAL SKILLS:

|  |  |
| --- | --- |
| **Automation tools** | Selenium, JMeter, UI Automator, Appium, Visual Studio code, Virtual User Generator |
| **Databases** | MySQL, DB2, SQL Server, Oracle, SOQL |
| **Documentation tools** | MS excel, MS word, PowerPoint, MS access, MS Visio |
| **Frameworks** | Cucumber, Junit, TestNG, Hybrid-Data driven,BDD models & POM design, Unit test, REST Assured |
| **Operating Systems** | Windows, Linux, Unix, Android, IOS |
| **Programming Languages/ Web Technologies** | JAVA, SQL, XML, CSS, JavaScript, JSON, Restful, HTML, CSS, XML |
| **QA Tools** | ALM/HP – Quality Center, JIRA, Microsoft Test Manager, QTP, Team foundation server, Cypress, Azure, AWS, GIT, Rest-assured |
| **Query Tools** | SQL Developer, SQL Navigator, SQL Plus, SQL Server Management Studio |
| **Web services** | RESTful API, SOAP UI, Swagger |
| **Tools and IDE** | Eclipse, Intellij IDEA, HP ALM, POSTMAN, JMeter, HP Load Runner, PyCharm, Jupyter, Ride |
| **Version Control & CI Tools** | Maven, GIT, GitLab, Jenkins |
| **Test Management Tools** | HP ALM, JIRA, Rally |
| **API Testing** | REST, SOAP |

**PROFESSIONAL EXPERIENCE:**

**Project 1 :**

**Client** : Meijer

**Feb 2021- Till Date**

**Role**: SDET (Web Automation)

**Location**: Michigan, USA

**Description** :

Meijer Inc. is an American super center chain that primarily operates throughout the Midwestern United States. Web based retail application.

**Responsibilities**:

* Reviewing and analyzing **Requirement Traceability Matrix**, Business and System Requirements and creating Test Plans, Test Strategy, Test Cases, Test Scripts, Test Execution, Test Estimation & Test closure activities.
* Expertise in **Cucumber framework** with software development approach **BDD (Behavior Driven Development**) which bridges the gap between business stakeholders, developers, and QA testers by using a common **gherkin**’**s** language “**Given-When-Then”** syntax to describe software behavior and features and developed **Scenarios, Scenario outlines, features, and Step definitions, and generating the cucumber reports.**
* Implemented **Page Object Model approach by creating page classes for each web page to maintain object repository.**
* Responsible for designing and maintenance of framework by applying different **OOPS concepts, Collections, Strings, Exception handling, Multithreading**, etc for optimisation of the code.
* Tested compatibility of application for dynamic and static content in cross browsers such as **Chrome, IE, Edge, Firefox, and Safari.**
* Executed **cross-browser and parallel testing using TestNG**
* Code implementation will be maintained and push it to version Control systems **GIT Lab**
* Experience in all phases of **Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle and methods like Waterfall and Agile (SCRUM, SCRUM-BAN), Waterfall**
* Experience in **Bug severity analysis, Bug reporting and can prioritise the issues based of Important, Urgency and hot fixes**.

**Environment**: Windows XP, Windows 7, Windows 10, MySQL, Agile, ALM, Selenium, Java Automation, Selenium WebDriver, Eclipse IDE, Maven, Junit, TestNg, Git Lab.

**Project 2:**

**Client** : Meijer

**Feb 2020- Jan 2021**

**Role**: SDET (Web and API Automation Testing)

**Location**: Michigan, USA

**Description** :

Meijer Inc. is an American super center chain that primarily operates throughout the Midwestern United States. Web based retail application.

**Responsibilities**:

* Designed and developed test plan, test cases, test scenarios based on requirements in Jira, Zephyr, confluence & Swagger.
* Developed Framework using Selenium WebDriver and Rest Assured.
* Automation of test cases & execution in Selenium Web driver using Java.
* Responsible for identifying test cases to automate with Rest Assured for Functional and Regression tests.
* Automated API testing using Cypress and REST Assured, verifying data integrity and API functionality.
* Created custom Cypress commands and utilities to simplify test script maintenance and improve test readability.
* Conducted cross-browser and cross-platform testing using Cypress to ensure a seamless user experience.
* Participated in Test Process Improvement discussions and advised the training and Strategies to implement and enhance the Testing process.
* Worked in Functional Testing and supported multiple releases.
* Configured and scheduled jobs in Jenkins.
* Writing SQL queries and automating database related tests using selenium- JDBC methods.
* Interacted with developers to resolve defects and suggested enhancements.
* Created, managed, updated and executed automated tests with advanced custom build framework for both Web application and APIs.
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine.
* Extensively used postman, Rest Assured for API testing. Created REST API tests in Postman as well as in advanced test framework with Rest - Assured framework.
* Extensively used GET, POST, PUT, DELETE for API testing in Postman, Rest Assured.
* Created data file to upload POST, PUT method postman, Rest Assured.
* Written code for converting Json to Java in java to test Rest Assured API test.
* Handled A2A & JWT Token in API testing using postman and Rest Assured.
* Used Splunk to retrieve log for validating API response details
* Used Visual Studio to verify back end function & logic. Created, contributed, enhanced and maintained automation test framework in Selenium.
* Extensively used different locators like ID, Name, Class, Link Text, CSS, Xpath to select web elements.
* Extensively used Actions class in selenium like (Drag n Drop, Mouse over, Key Press).
* Wrote java code to handle Alert in web element using selenium.
* Developing UI automation using Protractor for Angular JS applications.
* Involved running the tests with different browsers using multi-capabilities with Protractor tool
* Extensively used java Inheritance, Test Base class, UI class for code Reusability Performed Load or stress testing using Meter tool.
* Performed cross-browser compatibility testing using TestNG framework in Selenium.
* Extensively used for loop, switch, do while loop, while loop, Try-Catch Finally block for data driven testing and exception
* Handling in selenium. Used Array in selenium to handle frames, multiple window in web base.
* Used different Java operators in selenium to build test scripts for testing. Extensive knowledge in design and developing page object models for web application using Selenium-Web

**Environment**: Windows XP, Windows 7, Windows 10, MySQL, Agile, ALM, Selenium, API, Java Automation, Java Script, Selenium WebDriver, SOAP and Restful Web services, Cypress, GitLab, Eclipse IDE, Rest Assured, Postman, Maven, Junit, TestNg, Jenkins.

**Project 3:**

**Client:** DaVita Inc. **Jan 2019- Jan 2020**

**Role: SDET, Web Automation**

**Location:** Michigan, USA

**Project:** Falcon Dialysis

**Description:**

Falcon Dialysis is one of the Falcon suite of products which is mainly used at DaVita Dialysis centers. Falcon Dialysis makes the teammate’s job easy by automating most of their activities. There are various features like documenting/charting Notes, charting Assessments and Plan of care conditions (POC), Triggering POC conditions, Reports. This application is mainly used by clinical teammates like Physicians, Extenders, Nurses, Dieticians, Social Workers, and Facility Administrators.

**Responsibilities:**

* Responsible for identifying test cases for manual and Automation with Selenium WebDriver for Smoke Test, Functional and Regression Tests.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites (TestNG and Maven).
* Involved in testing the application utilizing the scrum Agile Methodology
* Involved in designing an automation framework to be used in UI testing with Selenium.
* Execute browser compatibility and regression tests using Selenium WebDriver for testing UI for every new build release.
* Writing helper methods and reusable components for automation framework support.
* Validating and developing scripts in different environments and browsers
* Developed and executed SQL queries using JDBC methods to verify the proper insertion, deletion and updates into the tables.
* Performed data accuracy, data validation and data integrity testing by querying the database using SQL queries to check the data table on server. Conducted backend testing using SQL queries to validate data for data bases.
* Identified, Reported and Tracked Defects using JIRA tool.
* Daily/Weekly/Monthly status reporting.
* Worked in Functional Testing and supported multiple releases.
* Configured and scheduled jobs in Jenkins with help of Devops team.
* Thorough experience in Agile, Scrum methodologies.
* Automation of test cases using Selenium Web driver , TestNG, Page object Model(POM)

**Environment**: **Agile, Selenium Web driver, TestNG, Page object Model(POM), SQL, Maven, TestNG reports, Java, TDD**

**Project 4:**

**Client:** DaVita Inc**. Sep 2017- Dec 2019**

**Role:** Test Analyst-Salesforce Tester

**Location:** Albany, GA**.**

**Project:** Salesforce Health Cloud, Cerner POP HEALTH

**Description:**

Salesforce Health Cloud is a Kidney Care application to provide Value Based Care (VBC) for ‘CKD (chronic Kidney Dialysis) High Risk patients. It ensures patients get the right care at the right time by the right team. The Salesforce Lightning interface allows nurses/users to navigate and work with greater efficiency, ultimately allowing smarter patient management. Provides users with quick access to patient profiles, care teams, care plans, timelines, clinical data, and patient interactions. With Health Cloud’s smart management tools, Care teams and Providers can easily focus on the patients and tasks that need the most attention and ultimately provide right care at the right time to the patients.

**Responsibilities:**

* Extensively worked on agile development and management process.
* Performed Smoke Testing, Functional Testing, Integration Testing, Regression Testing, System Testing, Database Testing, and Black Box testing at various phases of the development and test cycles.
* Drafted Test Plans which included testing objectives, testing phases, scenarios, and test environments after a thorough analysis of the business rules.
* Responsible for coordinating the scrum meetings iteration planning, daily stand-up, demos, and retrospectives.
* Reviewed the business requirement specification (BRS) and Functional Requirement, Specification Document (SRS) and was involved in preparing a detailed Test Plan.
* Involved in preparing Test Plans and Test Cases to cover overall quality assurance.
* Developed the Test Cases manually based on the Functional Requirement Specification.
* Used MS Excel for spreadsheet analysis.
* Wrote SOQL queries to test the integrity of data by querying the backend database.
* Performed validation of stored procedures according to their functionality.
* Majorly involved in all test activities. Like identifying the end-to-end scenario’s
* Prepared and sent daily reports – test execution report and Defect Triage report to client.
* Jira is used for test management and defect management.
* Attending defect triage calls and meetings daily with developers, stakeholders and participated in regular KT Sessions for different modules and have provided KT for the new members including our on-site coordinator for Salesforce application.
* Performed Daily sanity test, Functional Testing, Regression testing and smoke testing, SIT and UAT
* Followed agile methodologies and involved in various sprint ceremonies such as sprint grooming, sprint planning, retro meetings, daily stand ups and demo & review meetings.
* Assessed and analysed business documents such as business requirements, Acceptance criteria, design documents and visual designs.
* Involved in test estimation and Developing, Enhancing, and modifying the test scripts.
* Participated in Agile methodology ceremonies and followed agile processes.
* Involved in analysis of Requirements, Test Plan and Test design of test scenarios and test cases.
* Involved in performing Smoke, Functional, Integration and Regression testing.
* Coordination and discussion with onshore team and business members.
* Followed SDLC and STLC to the fullest.
* Involved in conducting Knowledge Transfer sessions with the teammates and cross functional teams.
* Used JIRA for Project Management, confluence for documentations.
* Coordination with the developers and business analysts as and when required.
* Expertise in reading test results, analysing console outputs.

**Environment**: Windows XP, Windows 7, Windows 10: APEX, SOQL/SOSL Jira, Confluence, Salesforce sales & service cloud.

**Project 5:**

**Client:** Humana**. Oct 2016–Sep 2017**

**Role: Test Analyst, ETL testing**

**Location:** INDIA

**Project: Humana**

**Description**:

Humana project deals with enrolments of HealthCare plans to individuals. The Plans include Medical, Dental and Vision care plans. There are various enrolment types like Direct to Customer, Agent, and Call center. Each application has UI to enroll.

**Responsibilities**:

* Requirement analysis and Feasibility study of various applications within Humana. Responsible for data mapping requirement specifications, documenting functional requirements.
* Designing Test cases/Test Scenarios and created data for testing ETL flow.
* Involved in Test case execution, verified data transformation rules.
* Performing S**moke, Functional, Integration and Regression testing**.
* Logging the defects in the Reporting and tracking tools like J**IR**A and report defects to software developers.
* Attending daily stand-ups and team meetings.
* Working closely with other teams to provide/get the data for various integration applications.
* Followed SDLC and STLC to the fullest.
* Coordination with the integration system teams for SIT
* Developed test cases, reviewed and Involved in Functionality and Regression Testing.
* Involved in software acceptance testing and production release procedures throughout SDLC.
* Documented the successful or unsuccessful completion of each test condition and verified actual results against expected results for discrepancies.

**Environment**: Windows XP, JIRA, SQL, ETL

**Project 6:**

**Client:** DaVita Inc. **Sep 2015– Sep 2016**

**Role:** Test Analyst

**Location:** INDIA

**Project:** Formulary Exception

**Description** :

Pharos (Formulary Exception) is a web-based application used by DaVita for management of patient care and treatment. Formulary Exception is a user-interface that allows a facility user to create and submit requests to be approved by FST (Formulary Services Team) Worked in waterfall methodology.

**Responsibilities**:

* Worked in an waterfall environment with frequently changing requirements and features set.
* Prepared Test Plans, Test Scripts and Test Cases based on functional specifications and user requirements.
* Used ALM to track the tasks and issues, attended daily status meetings to update the status of work.
* Used Git as code repository and Code Collaborator to manage code reviews.
* Performed Back-End Testing, database table manipulations of relational database systems by writing complex SQL queries manually.
* Participated in QA weekly meetings and status call meetings and discussed Enhancement,Modification Request issues and defects in the application.
* Worked in waterfall methodology.
* Having a minor and major builds of the project where we perform smoke, functionality testing, ,Regression testing and end to end integration testing
* Generating status reports from ALM and shared to clients on daily basis.
* Supporting the applications to a great standard. Finding the root cause for the issues and failures.
* Analysis of the Business requests raised by the clients and Enhancing & upgrading the Test cases present system with more detailed steps
* Logging the defects in the Reporting and tracking tools like QC/ALM and report defects to software developers.
* Proposing and implementing the fixes required for the broken functionality.

**Environment**: Waterfall, SQL, ALM, Windows, Defect tracking, Requirement Tracebility Matrix.

**Project 7:**

**Project: Yaomo, Yapmo LIC Oct 2013- May 2015**

**Location: Bengaluru, India**

**Role: Test Engineer-Intern(Manual Testing)**

**Responsibilities**:

* Attended sessions with Business Analyst, QA and developers for walkthrough of Business requirements.
* Discussed and prepared comprehensive test plan document.
* Creation of Project Understanding Documents.
* Designed and executed high level test cases in Application life cycle management tool.
* Review of high level and detailed test cases.
* Prepared Defect Report, Requirements Coverage documents.
* Involved in execution of test cases.

**Environment**: **Windows, Manual Testing, SQL, ALM, Waterfall Methodology, Requirement Traceability Matrix.**

**Certifications Acquired:**

* Assurance: ERP/CRM Testing - Salesforce for Beginners
* Salesforce Administer
* Process: Agile Way of Working Foundation
* BDA: Certificate in Healthcare
* International Software Testing Qualifications Board (ISTQB)
* Software Tester Certifications: Certified Tester - Foundation Level
* Assurance: HP ALM\_ Foundation

**Education:**

Bachelor’s in Electronics and Communication from RGUKT in 2015.