**SWETHA CHAMALA**

**Phone: +1 469 277 7354**

**Email: Rishitha.23g@gmail.com**

|  |
| --- |
| **Professional Summary:** |

* Over 9 years of experience in **Software Development Engineer in Test**
* Extensive experience and knowledge of different phases of Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), Defect life Cycle, Agile and Scrum methodologies.
* Experience in Testing Life Cycle (TLC): Including Risk Analysis, Planning Process, Test Design, Performing Test, Defect Tracking, Management and Test Reporting.
* Experience in software Quality Assurance (SQA) including Manual and Automated testing with tools such as Selenium Web Driver, TestNG, Quality Center, Maven, Jenkins, JIRA, Postman and GitHub.
* Experience in Test Planning, Test Cases Design, Test Environment Setup, Test Data Setup, Defect Management, Test log, Test results, Test Traceability Matrix and Test Metrics
* Designed and Developed automation scripts for functional and regression testing using Java,
Selenium, Maven in Page Object Model.
* Involved in designing and implementing of Data Driven framework, BDD framework to be used with Selenium, Cucumber and API.
* Experience in Hybrid Driven(page Objects Pattern) framework with Java and JavaScript automation assignments.
* Maintaining the Traceability Matrix, Test Data Matrix and Status report related to project.
* Excellent skills in gathering requirements and creating Business Requirements Document (BRD) and Functional Requirements Document (FRD), Disaster Recovery Plan (DRP), developing Use Cases, Test Approach, User Acceptance Testing (UAT), and Requirements Traceability Matrix (RTM).
* Experience using performance testing tools like Jmeter to monitor, gather and report application performance.
* Good knowledge on testing techniques including Functional, Performance and Security testing.
* Knowledge on different Levels of Testing (Unit Testing, Integration Testing, System Testing and Acceptance Testing).
* Having Experience in Test management tool using Zephyr tool for writing test cases and creating test metrics/reports.
* End to End Testing of the complete website which was developed using JavaScript, HTML, CSS and any other web technologies.
* Strong Experience in Web Services and Rest API testing with tools like Postman and Soap UI.
* Experienced with making Data validations for both API and UI test cases using assertions.
* Knowledge on building RPA solutions using UiPath.
* Extensive experience in working with Selenium IDE, Selenium Web Driver, Eclipse.
* Good Understanding of different Web Service formats like XML, JSON
* Having Knowledge on reporting tools like Tableau.
* Expertise in Bug Reporting & Tracking Process, using Bug tracking and reporting tools like JIRA and MTM (Microsoft Test Manager).
* Experience in Integrating Automation Test Framework with CI/CD tools - Jenkins and GIT for automation batch job run.
* Developed performance testing scripts using JMeter for web applications and micro service.
* Checked the data flow through the front end to back end and used SQL queries, to extract the data from the database.
* Participate in code reviews and provide feedback.
* Highly motivated, hard working with excellent analytical and communication skills.

|  |
| --- |
| **Education Qualifications:** |

* **B. Tech** in Information Technology from JNTU, India passed in **2009**.

**Technical Skills:**

|  |  |
| --- | --- |
| **Operating Systems** | Windows 7/10, Windows 2016 |
| **Testing & Bug Tracking Tools** | JIRA, MTM |
| **Web Technologies** | HTML, CSS, JavaScript, Rest APIs |
| **Data Bases** | SQL Server, My SQL, Oracle, MS-SQL Server 2008, Oracle 10g |
| **Browsers** | Internet Explorer, Chrome, Firefox |
| **Other** | jmeter, splunk, postman, Zephyr, MS Office (Word, Excel, PowerPoint) |

|  |
| --- |
| **Professional Experience:** |

**Client: Nationwide Insurance - Harleysville, PA Nov 2019 – Jan 2024**

**Role: Quality Analyst**

**Project Description:**

 Nationwide Mutual Insurance company is one of the leading insurance companies in USA which offers insurances like Auto, home, life etc also it offers retirement and investing products. Developed and executed test plans, cases, and scripts for functional and regression testing using Java, Selenium, TestNG, and Maven. Designed automated test cases with Selenium WebDriver and maintained code in GitHub. Conducted data validations for API and UI test cases, and performed automated regression testing on new builds. Participated in daily stand-ups, scrum meetings, and provided test metrics reports. Tested web services using Postman and documented results in JIRA and MTM. Developed performance testing scripts with JMeter and implemented data-driven frameworks for Selenium and API testing.

**Responsibilities:**

* Developing Test plan, Test cases, Test scripts and Execution.
* Developed automation Regression suite for functional and regression testing using Java, Selenium, TestNG, Maven.
* Designed and Developed Test Cases for automated testing using Selenium Web Driver.
* Used Github source control tool to maintain automation code.
* Participating in daily stand up meetings for project status update.
* Performing Data validations for both API and UI test cases using assertions.
* Interact with Developers to identify and resolve the bugs.
* Performed automated Regression Testing on each new build of the application to verify that the latest version of the software has not affected the previous working functionality, and to verify that the bugs which are raised have been fixed.
* Provided the management with test metrics reports, and schedules as necessary and participated in the walk through and scrum meetings.
* Responsible for defining the Scope of the Project, gathering Business Requirements, involved in Gap Analysis and documented them, created PowerPoint Presentations and reports for reviews with senior management.
* Set up definitions and process for scoping, document test cases, and test phases including product test, integration test, system test and User Acceptance Test (UAT).
* Facilitated the documenting of test cases and recorded them for the functionality testing in Jira and MTM based on test requirements.
* Involved in creating the Traceability matrix based on Functional requirement in each module and in UAT testing.
* Tested Web Services , XML transactions, SOAP, HTTP, WSDL, and REST API’s using various tools like Postman.
* Excellent technical & analytical skills as well as logical & reporting skills.
* Used MTM and JIRA to store all testing results, metrics, created Test Cases, and Reporting.
* Performed Functional Testing, Smoke Testing, Sanity Testing and Regression Testing.
* Developed performance testing scripts using JMeter for web applications and micro service.
* Experience in Hybrid Driven(page Objects Pattern) framework with Java and JavaScript automation assignments.
* Used Chrome developer tools for finding CSS locator and good knowledge in writing the absolute and relative XPATHS manually on need basis
* Involved in designing and implementing of Data Driven framework to be used with Selenium, Test Complete and API.
* Experience in creating Cucumber BDD (Behavior Driven Development) framework and automating BDD scenarios in Eclipse.

**Environment:** Java, Selenium Web Driver, TestNG, Eclipse, Maven, Cucumber, Jenkins, GIT, XPath, CSS, HTML, Postman, HP ALM, SQL, Agile and Windows.

**Client: 7-Eleven-Dallas, TX Aug 2018 – Oct 2019**

**Role: Automation Test engineer**

**Project Description:**

Interacted with project managers, business analysts, and developers to understand application design and specifications. Implemented QA methodologies throughout the SDLC, designing automated test cases with Selenium WebDriver and TestNG. Configured frameworks using Apache POI and executed parallel test scripts. Developed automated test suites, performed white box testing with Java, and used Cucumber for web application automation. Maintained continuous integration with Jenkins, implemented mobile testing with Appium, and conducted regression testing. Verified backend data with SQL and used Postman for web service testing, supporting UAT and defect resolution.

**Responsibilities:**

* Interacted with the Project manager, business analysts, and developers to understand the application design and functional specifications.
* Effectively implemented different QA methodologies/policies, strategies, and plans in all stages of SDLC.
* Designed and Developed Test Cases for automated testing using Selenium WebDriver.
* Involved in configuring application framework by processing excel spreadsheets using Apache POI and executing the test scripts parallel using TestNG.
* Executed test cases using TestNG parameters, data providers, groups, and parallel test suites.
* Created an automated Test Suite using Selenium and WebDriver.
* Performed the White box testing using Java.
* Created the tests that have no user interaction as a set and executed them as Batch tests using Maven.
* Wrote test cases in Cucumber and automated the web application.
* Following Agile development methodology using JIRA, Sprint planning, and Scrum.
* Apply evaluation methods in the design, development and debugging of SW programs
* Develop V&V technical plans and protocols
* Design and development of test protocols for new and advanced feature.
* Work with electronic testing equipment
* Assist with creation of Tools validation protocols
* Maintained continuous test integration and automatic build by using Jenkins and mailed the build outputs to the team members.
* Maintained automation builds on Continuous Integration (CI) tool Jenkins.
* Implemented test automation scripts for mobile testing using Appium for Android and iOS applications.
* Implemented Protractor and automated, executed scripts on different browsers using Java, XML.
* Used Selenium WebDriver API to automate tests on cross browser and cross platform environment.
* Wrote test cases, implemented ran and added versions and iterations using Test Manager for positive, negative and END-TO-END Test cases.
* Design and prepared test plans for White Box Test Approach & Test cases.
* Performed Regression testing of applications after defects are fixed and any new functionality is implemented in to the QA. Supported the Business team for executing UAT test cases.
* Used XML files in Sending/receiving XML requests using Postman.
* Used Postman tool, to create a Web Service Test from SOAP request and validate the response against the database.
* Performed Defect Resolution and Maintenance using Quality Center.
* Verified backend data validation using SQL. Used SQL to verify data in the backend for the test entry points on SQL server database.
* Worked in the form of sprint team with business analysts and developers in agile methodology.
* Involved in estimation and preparation of test case scenarios and test plan documentation for validating and reporting.
* Coordinated with technical support associates to fix proprietary software issues.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Cucumber, Jenkins, GitHub, XPath, XML, Eclipse, Postman, Quality Center, SQL, Agile and Windows.

 **Client: Google India Pvt ltd Aug 2009 - Dec 2013**

 **Role: QA ANALYST**

**Project Description:**

Actively participated in QA and testing activities during UAT and PROD SDLC, working closely with developers and user representatives. Configured test environments, created test data, and executed automated and manual tests, documenting results and updating defect-tracking systems. Tested application compatibility across different browsers and performed various testing types to ensure a bug-free product. Wrote SQL queries for backend testing and coordinated with the QA team to test scenarios. Prepared status summary reports and built 3D models of buildings for export to Google Earth, accurately placing them in their real-world locations.

**Responsibilities:**

* Actively participated in all QA and testing activities during UAT and PROD SDLC.
* Worked closely with Developers and User Representatives, participated in the Product Design Process including specifications and end-user reviews and application walk-through.
* Configured test environment for specific Test Cases, created test data, executed automated or manual unit tests, document results and updated defect-tracking systems.
* Tested Applications compatibility on different browser versions (Chrome, IE, and Firefox).
* Evaluated and documented actual test results against expected results
* Completed regression, positive, negative, integration and functional testing to produce a bug free product
* Wrote Structure Query Language (SQL) queries to check proper data population in application table and for data verification to perform Backend Testing against Oracle Database.
* Coordinated with QA testing team to test various scenarios involving test plans, test cases and test scripts
* Involved in preparing test data for different scenarios and validation specific to the process
* Prepared status summary reports with details of executed, passed and failed test cases
* Built and prepared different models of 3d buildings for various cities of different countries
* Exported different models to Google Earth and placed them with the exact location of actual buildings

**Environment:** Oracle Database, SQL, Visual Studio, Selenium WebDriver, TestNG, Maven, JIRA, Postman, Quality Center, Windows, Chrome, Internet Explorer, Firefox, Google Earth, 3D Modeling Software.