**MANASA RANGA PHONE NO: (512)-982-1933**

**QA AUTOMATION ENGINEER Email:** manasaranga181@gmail.com

**PROFESSIONAL SUMMARY:**

* Having **10+ years** of experience in Software Quality Assurance and Test Automation Process in IT industry and that include Guidewire insurance applications which are **web-based** Applications with proficiency in both **manual and automated testing**.
* Proficient in both Manual and Automation Testing with ability to manage the automation of the entire testing cycles.
* Experience in Guidewire **Claim Center, Policy Center** applications.
* Possess Immense Knowledge & Experience in **Creating claim in CC, FNOL process, Incidents, Exposures, Payments,** and **FNOL snapshot** etc.
* Knowledge in **Policy renewal, cancel, change, rewrite,** and **reinstatement**.
* Experience in documenting Test documents using MS Office tools- Word, Excel and Access, Power point.
* Excellent understanding of Software Development Life Cycle (**SDLC**), Software Test Life Cycle (**STLC**) and Test Methodologies.
* Expertise in Writing Detailed Test Cases and Test Plans, Defect Tracking and Defect Reporting using **JIRA/HP ALM.**
* Involved in **Functional, Integration, Smoke, Regression, User acceptance,** **System testing** and **End-To-End testing.**
* Proficient Extensive experience in **Black Box** **Testing.**
* Experience in using **JIRA** as Defect Management tool.
* Experience in understanding of **Agile development** methodology in a **Scrum e**nvironment.
* Professional expertise in Smoke Testing, Functional Testing, Positive/Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, UI Validation.
* Expertise in analyzing requirements, Test plan, Test cases and Traceability matrix.
* Strong Knowledge in **Bug Life Cycle and Defect Tracking.**
* Good experience in Bug Tracking tools like **Quality center/HP ALM, Jira.**
* Experience in **SQL queries** for data verification and back-end testing.
* Experience in using test automation tools such as **Selenium WebDriver** to develop testing scripts for Web Applications apps.
* Experience in locating the objects based on **ID, Name, XPath, CSS selector, Link, Partial Link, Attributes and Tags.**
* Rich experience in automating **REST API’s** using **Postman API** tool and automation using Rest Assured.
* Proven ability in developing **BDD** scripts with **Cucumber** and writing **step definitions, features** files in Gherkin.
* Good understanding of **CI/CD pipelines**, good understanding of **GIT** and **Jenkins**.
* Experience in writing and executing SQL queries to ensure data integrity to meet user requirements.
* Experience in documenting Test documents using MS Office tools- Word, Excel and Access, Power point.
* Attended different scrum ceremonies like Sprint planning, Daily stand-up meeting, backlog refinement and retrospective.
* Ability to work under pressure, adapt to new environment quickly, strong team player, good communication, excellent analytical and computation skills, sincere and committed, very detail oriented, critical thinker.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Testing Tools** | Selenium WebDriver, Postman, Rest Assured |
| **Languages** | JAVA, XML  |
| **Web Debugging Tool** | XPath |
| **Build Tool** | Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | HP ALM/ Quality Center (QC) and JIRA |
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| **Databases** | SQL Server |
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| **Operating Systems** | Windows (All Variants), Mac. |

**EDUCATION:**

 Bachelors in Computer Science Jawaharlal Nehru Technological University, India

**PROFESSIONAL EXPERIENCE:**

**CLIENT:** **Humana, Louisville, Ky AUG 2022-TILL DATE**

**ROLE: QA AUTOMATION ENGINEEER**

**Responsibilities:**

* Interaction with the Business Analyst and clients for all requirements analysis & clarifications according to the Requirement specification during backlog refinement and definition walkthrough meetings.
* Reviewed and analyzed the business and functional requirement documents.
* Preparing Test Scenarios & Test Cases based on Requirement Specification
* Executed test cases in Jira in Test environment and updated all the test results and logged defects in Jira with proper priorities and severities.
* Designed, executed, and maintained Selenium Web Driver automated test cases for regression test cases.
* Selected the Test Cases to be automated and performed functional testing of the front-end using Selenium (IDE and Web Driver) by using Data Driven framework.
* Worked on Automation frameworks using Jenkins, Maven, TestNG, SVN, Eclipse, Java & Web driver to perform load and performance testing.
* Developed Automation framework from scratch using Selenium, Java and Maven.
* Experience in webservices testing using Postman tool. Validated response body, different http status codes like 200, 201, 400 and 500 etc.
* Used Browser stack to test the compatibility of the test across multiple environments.
* Developed automated scripts for performing Regression Testing through Selenium.
* Work in a Pseudo agile environment with 2 week of sprint that delivers new builds every month.
* Created and Executed SQL queries for Data base testing.
* Escalate all challenges to the appropriate resources in a timely manner.
* Involved in the migration of Junit scripts to TestNG scripts using Java.
* Monitor the Test execution progress and manage the issues during Execution.
* Giving mandatory information about the defect to the developer to fix it.
* Communicate with other team members to resolve the issues.
* Involved in the knowledge transfer (KT) sessions with the new joiners.
* Collaborated with cross-functional teams to streamline processes and improve operational efficiency.

**Environment:** SQL, Jira, Selenium, TestNG, Jenkins, Maven, GitHub, Eclipse, Java & Web driver.

**COMPANY: CGI GROUP JUN 2021 – JUN 2022**

**PROJECT NAME: CC UPGRADE**

**CLIENT: OP-POHJOLA, FINLAND**

**ROLE: SENIOR TEST ENGINEER**

**Responsibilities:**

* Interaction with the Business Analyst and clients for all requirements analysis & clarifications according to the Requirement specification during backlog refinement and definition walkthrough meetings.
* Developed and executed software test plans/test cases for Claims Application to identify software problems and their causes.
* Designed and analyzed Test cases based on user stories.
* Reviewed documentation of software defects and assign software developers to investigate and resolve the issue.
* Performed manual testing including smoke testing, integration, System, Regression and Cross Browser compatibility testing.
* Work in agile environment with 2 week of sprint that delivers new builds every month.
* Reviewed software documentation to ensure technical accuracy, compliance, or completeness or to mitigate risks.
* Work with Jira for Test Case Creation, Test Case Execution and Defect Tracking, Test case Traceability, Requirement Traceability.
* Involved in participating the Sprint planning, Daily stand-up meeting, backlog refinement and retrospective.
* Involved in creating the traceability matrix based on functional requirements.
* Prepared and presented weekly tested user stories and defects to the different stake holders and other team members like Development, Business Analyst, and product owners.
* Experience in webservices testing using postman tool. Validated response body, different http status codes like 200, 201, 400 and 500 etc.
* Created and Executed SQL queries for Data base testing.
* Performed GUI, Functional, Negative, Positive, Regression and User Acceptance Testing.
* Involved in Bug reporting and bug tracking using QC/JIRA.
* Execute all Test Cases according to the Test Plan and reported defects according to the release plan.
* Involved in the knowledge transfer (KT) sessions with the new joiners.

**Environment:** Jira, SQL, Windows 2010, Eclipse, Maven, Git, Selenium, Cucumber and Guidewire Claim Center.

**COMPANY : CGI GROUP FEB 2017 – MAY 2021**

**PROJECT NAME: CC AM**

**CLIENT: OP-POHJOLA, FINLAND**

**ROLE: SENIOR TEST ENGINEER**

**Responsibilities:**

* Interaction with the Business Analyst and clients for all requirements analysis & clarifications according to the Requirement specification during backlog refinement and definition walkthrough meetings.
* Involved in preparation of System test cases, Smoke test cases, and Regression test cases and Test data based on the requirement.
* Prepared test data before proceeding with test case execution.
* Performed various testing methodologies like Smoke Testing, Regression testing, Re-testing.
* Executed Test Cases & Reported Defects in JIRA.
* Analyzed the business requirements and created the test cases to validate the services. Designed and developed Automation Framework (Hybrid, Data-driven) using Selenium Web Driver.
* Implemented Page Objects testing, Data Driven using Selenium WebDriver, JAVA and TestNG.
* Writing automation test script using selenium with Java and TestNG TDD framework to validate Regression and Smoke tests and test suite for regression tests.
* Used POM model while developing the Automation Test Scripts.
* Expertise in using TestNG, Maven to build automation frameworks with JAVA.
* Experience with Code Version Control systems like GIT.
* Executed few of the API’s using postman tool.
* Created and Executed SQL queries for Data base testing.
* Prepared Daily Status Reports and actively participated in Test case Review Meetings and Daily status meeting.
* Interaction with the off-shore team on daily basics and coordinating with them whenever they required on-shore team support.
* Team Coordination and Management during Test Life Cycle and Defect management process.

 **Environment:** Java, Postman, JIRA, SQL, Windows 2010, Guidewire Claim Center.

**COMPANY : CGI GROUP AUG 2016 – JAN 2017**

**PROJECT: CC8 UPGRADE**

**CLIENT: OP-POHJOLA, FINLAND**

**ROLE: TEST ENGINEER**

**Responsibilities:**

* Understanding the Business Requirements of the application.
* Creating test scenarios, test cases and test data for the application.
* Involved in different test executions like Smoke, End-to-End, Re-testing, regression testing etc.
* Involved in Defect Tracking and Resolutions.
* Developed Selenium Automation scripting for the Smoke Test cases and Regression test cases.
* Designed and developed Automation Framework (Hybrid, Keyword-driven) using Selenium Web Driver.
* Implemented Page Objects testing, Data Driven using Selenium WebDriver, JAVA and TestNG.
* Writing automation test script using selenium with Java and TestNG TDD framework to validate Regression and Smoke tests and test suite for regression tests.
* Used POM model while developing the Automation Test Scripts.
* Test Execution in different Browsers like Firefox, chrome, IE Explorer.
* Verification of bugs & closing them if they passed the test case.
* Participating in daily Status calls & Clients calls.
* Prepared test data in ASHA system based on the requirements.

**Environment:** HP ALM, Windows 2010, Guidewire Claim Center.

**COMPANY : ACESS MEDITECH PVT LTD JUL 2013 – AUG 2016**

**ROLE: TEST ENGINEER**

**Responsibilities:**

* Involved in complete Software Test Life Cycle includes Requirement Analysis, Test Case Preparation and Review, Test data, Test execution, and Test Reports.
* Reporting the defects, follow up and Retest when they are reported as fixed.
* Providing the Test data and Inputs to team to improve the testing process.
* Create the scripts for different Business Scenarios.
* Participating in the Team Reviews, also actively participated in Walkthrough with client.