**Rama Jyothi
QA Automation Engineer/SDET**Email:**mike@quebecsol.com** **Phone: 469-737-9065**

**SUMMARY:**

* 8+ years of experience in Software Testing in all stages of Software Testing Life Cycle (STLC) and Software Development Life Cycle (SDLC).
* Well versed with Agile testing methodologies.
* Good experience in methodologies like Waterfall, Agile and Scrum processes.
* Actively participated in all stages of the SDLC and was extensively involved in all types of testing (Functional, Usability, Regression, Integration, System, Smoke/Sanity, Black box testing).
* Experience in **Selenium Web driver(java)** for automating Web based applications
* Hands on experience in **Cucumber BDD framework**.
* Experience in build management tool **Maven.**
* Knowledgeable in writing automated tests using **Selenium** and executing test scripts in structured development environments.
* Good Experience on Financial, Health, Mobile and Banking Applications.
* Skill in handling multiple tasks, prioritizing, and meeting deadlines.
* Quality-focused IT test professional with a proven ability to create and deliver technology solutions that meet business goals. Effective communicator; able to train, mentor, and improve capabilities of end users.
* Ability to plan, prioritize and work under pressure in a small team environment with excellent analytical, logical, communication skills.
* Expert in writing complex SQL Queries to check the integrity of data to perform database testing.
* Experience in creating user stories in Product backlog and maintaining Sprint backlog.
* Experience in using **SQL and PL/SQL** queries.
* Knowledge on UNIX/LINUX commands.
* Strong analytical and problem Identification/solving skills. Excellent presentation skills and a good team player.
* Knowledgeable on using Putty to verify/validate application logs as part of test execution to capture request/response.
* Experience in Production support and handling the production issues during major releases.
* Well versed with Mobile Testing and Usability Testing.
* Good experience on testing web services (SOAP, REST) using SOAP UI and Postman.
* Experience in coordinating with UAT testing team
* Experience in working along with data and environment setup and coordination between users, Development, Business Analyst and Product Management teams.
* Exposure on developing/maintaining applications using Eclipse IDE.
* Experience in testing Client-server, Web and Mobile applications.
* Excellent experience in Sanity, Functional, GUI, Regression, System, Compatibility, Acceptance, Security, Stress, Black Box Testing etc.
* Knowledgeable in programming languages and scripts like **Java, CSS, and Python** (basics).
* Knowledgeable in validating Regular and Ajax control using **Selenium locators (XPath, CSS).**
* Participated in peer review with team and developers to review test cases/test script
* Documented test cases and test scenarios for verifications, modifications and approval to business analysts.
* Knowledgeable on using Jenkins for scheduling and **CI/CD**, **Jenkins** tool.
* Backend and Data Constraints Testing experience against Oracle and MySQL by multi-table querying using Joins, Views, Using and Aggregate Functions.
* Knowledgeable in using Version Control Tools like **SVN and GitHub**.
* Good knowledge in Automation of Backend services (RESTFUL) using Java and Python.

TECHNICAL SKILLS:

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| --- | --- |
| Testing: Manual | Unit, System, Black Box, White Box, Regression, UAT, Integration  |
| Testing Tools (familiarity) | Selenium Web Driver (Java), Selenium IDE, Firebug, Chrome Developer, Cucumber, Testng, |
| Programming Languages (familiarity) | Python (Basics), Java , C++ |
| Web Technologies | XML, HTML |
| RDBMS | MySQL, Oracle (SQL) |
| IDE | Eclipse, VSCODE |
| Packages | JIRA, SharePoint, MS Office |
| Operating Systems | Windows, Linux |
| Testing Methodologies | Waterfall, Agile (Scrum) |
| Other Tools/ Applications | Soap UI, SOAP, Splunk, Putty, iOS Console, HP Quality Center/ALM. |

**PROFESSIONAL EXPERIENCE:**

**Leading Consumer US Bank -CITI Bank - Plano, TX. Oct 2018 – Till Date
Role: QA Automation Engineer**

Description: The customer is a leading Banking and Financial solutions provider company. This project provides a central dashboard location to the bank representatives and Member Service Representatives to obtain the key information necessary to make operational decisions for SafeBox accounts or lockers. “Locker Management System” is a comprehensive web application designed to cater all the needs of bank lockers; be it signing up new customers, maintaining billing records, checking the locker traffic of any customer or extracting employee’s attendance. LMS is one window solution for the bank to tackle all the bank locker issues and thrive in the business by being most organized and effective. It also provides extensive service-based functionality that can be easily managed or extended to related products.

**Responsibilities:**

* Participate in daily stand-ups, Sprint planning, retrospective and grooming sessions.
* Analyze and selected the test cases for automation of Web application Testing.
* Create Automation Test Scripts using **Java** and **Selenium Web Driver**
* Development of **test framework**/test cases using **Junit/Testng**.
* Automating the **Rest Services** using **RestAssured** Libraries
* Execute automation scripts with multiple **test data**.
* Used Maven to build the applications and run the testcases.
* Modification and execution of Test case scripts in Eclipse IDE, design of automation test framework using Page-Object-Model.
* Perform manual testing of features within each sprint and automate features.
* Followed **Agile Methodology (SCRUM)** for this project.
* **JIRA** as a defect tracking tool for Product backlog and reporting bugs.
* **TOAD/SQL** Navigator to Execute Queries to test the expected values.
* Order test accounts in time from Vision retrieval tool and Validated on all types of scenarios.
* Back end testing to ensure data consistency on front-end by executing queries on the database.
* Validate API and **XML/JSON** responses for the customer LMS portal.
* Participate in testing Approach walkthroughs and Project status meetings.
* Close interaction with cross functional teams and software developers to understand application functionality and navigational flow.
* Weekly Update Meetings with QA Manager/Associate Director to discuss the status of Projects.
* Created Test Plan that defines the test environment, phases of testing, entrance and exit criteria into different phases of testing and resources required conducting the effort.
* Documented business rules and requirements in form that is testable and traceable.
* Performed service testing in service portal and verified all error codes and success status codes.
* Wrote **SQL queries** to setup/modify test data in Oracle database.
* Tested applications in different types of browsers and versions, such as **Internet Explorer, Firefox, Google Chrome to simulate production environment.**
* Performed data setup / testing of **Rest services** using **Postman.**
* Documented test results and testing procedures after every release.
* Preparation of weekly status report.
* Worked on some of the data quality issues.
* Conducted **Functional,** **Regression** testing and co-ordinate with **UAT Testing.**

**Environment**: Selenium WebDriver, XML, XPath, Firebug, Fire Path, Chrome Developer Tools, Testng, Postman, Jira, Java, JavaScript, Git SOAP UI/Postman, Web Services, Jira, UNIX, Putty, oracle.

**AT&T-Plano TX Oct 2017 – Oct 2018**

**Role: Automation Engineer**

**Responsibilities:**

* Participated in Business Analysis & Review meeting to understand the Business, Requirements and System to designing the Test scenarios.
* Extensive experience in reviewing and analyzing Business Requirements and creating Test Plans, Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix.
* Prepared detailed Manual and Automated test scripts, test scenarios, test cases by understanding the business logic
* Involved in following up with the team to discuss on discrepancies to identify during developing test cases and functional testing as well.
* Implemented BDD through Cucumber.
* Created the Feature Files for Cucumber Automation.
* Created Test Automation Framework with Cucumber and Selenium WebDriver.
* Configured Cucumber Report Plugin to Jenkins to generate html test reports.
* Build tests through maven pom file
* Test execution and reporting through Jenkins.
* Monitor test execution status through log4j.
* Performed UI and Functional testing on Android and iOS devices (smart phones, tablets).
* Identified and implemented Virtualization based on the below use cases, where applicable.
* Perform responsibilities of developing test scripts by using SOA test tools.
* Hands on experience provisioning a Jenkins Application into a Docker engine cluster.
* Tested data warehouse components, data marts, testing of dimension and fact tables.
* Responsible for creating and managing CI/CD pipelines in DevOps.
* Develop test cases for functional and regression testing. Conducted usability testing, UI testing, functional testing, and database testing.
* Assisted other teams with testing and troubleshooting.
* Automated the API services using Karate DSL framework for Unit Testing, Integration Testing and Regression Testing.

**Environment:** Java, Windows 7, Cucumber, Gherkin, Maven, Jenkins, Manual testing Selenium WebDriver, , Jira, JavaScript, Git SOAP UI/Postman, Web Services, Jira, UNIX, Putty, oracle.

**Fidelity-Philadelphia PA. Sep 2016 – Sep 2017
Role: QA Tester**

Description: This system is designed for lender banking system, which involves in the Design of Forms like Bank main master transaction and Reports. The Master entry screen has Addition, Modification, View, Deletion of Account holders and has the validations like the Account type, Due date, Maturity amount, No. Of Months etc. The Transaction screen has the type of transaction including monthly payments or escrow payments. The report Section has the weekly report and a monthly report. Once the amount gets transformed it is updated in the petty cash master and a minimum amount is maintained.

**Responsibilities:**

* Analyzed and selected the test cases for automation of Web application Testing.
* Developing scripts in Selenium using Eclipse for the automated content of website.
* Performed manual testing of features within each sprint.
* Implement Selenium Grid to execute test scenarios on multiple browsers.
* Followed Agile Methodology (SCRUM) for this project.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Worked with PuTTY and running the shell scripts and verify the reports via database and RSSx web portal
* Involved in CIT, SIT, UAT, Production parallel run testing based on the requirements surveys completed by development team.
* Experienced in Data Validation and Backend testing of databases to check the integrity of data.
* Tested Web services by using WSDL’s with the SOAP UI Tool
* Retest during every ‘Change Request’ deployment and updating the respective items on RTC.
* Trouble shooting and executing the scripts to achieve the Test results.
* Involved in establishing automated Hadoop Integration testing system and implementing oozie workflow.
* Prepared test data document and involved in generation of bug and test case execution reports.
* Followed Agile Methodology (SCRUM) for this project.
* Used Jira as a defect tracking tool for Product backlog and reporting bugs.
* Performed service testing in service portal and verified all error codes and success status codes.
* Wrote SQL queries to setup/modify test data in Oracle database.
* Tested applications in different types of browsers and versions, such as Internet Explorer, Firefox, Google Chrome to simulate production environment.
* Performed data setup / testing of Rest services using Postman.
* Documented test results and testing procedures after every release.
* Preparation of weekly status report.
* Worked on some of the data quality Issues.
* Assisted other teams with testing and troubleshooting.
* Conducted Functional, Regression and UAT Testing.

**Environment:** Manual Testing, Selenium Web Driver, Oracle 10g/11 Mercury Quality Center 10.0, SQL, Windows XP, UNIX, Microsoft Tools (Word and Excel).

**Assurant Health Insurance, DE. Nov 2013 – Aug 2016
Role: QA Tester**

**Responsibilities:**

* Involved in development of test cases from functional requirements, technical specifications and use cases.
* Executed Manual Test Cases by using positive and negative test scenarios.
* Prepared Traceability Matrix to show the test coverage requirement vs. Test scripts.
* Performed module testing, integration testing, system testing and Usability Testing according to the technical specifications.
* Performed Regression testing at various phases of the project development.
* Performed Test Run manually and maintained logs in Test Lab of HP Quality Center.
* Used Test Director and Mercury Quality Center for updating the status of all the Test Cases & Test Scripts that are executed during testing process.
* Involved in retesting the test cases and closing the defect.
* Participated in peer review with team and developers to review test cases/test scripts.
* Prepared the test documentation using MS Word.
* Participated in Walk through of test plans and test cases.
* Took part in Test Closure Activities and in providing the Test Closure Document to the stakeholders.

Environment: Manual Testing, Mercury Quality Center 10.0, Windows XP, UNIX, Microsoft Tools (Word and Excel).

**Client - PPD- Morrisville, NC**

**Role: QA Engineer Jan 2010 -May 2011**

 **Description:**

 American International Group, Inc., also known as AIG, is an American multinational finance and insurance corporation with operations in more than 80 countries and jurisdictions. General Insurance includes Commercial, Personal Insurance, U.S. and International field operations.

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**Responsibilities:**

* Involved in preparing High Level Test plans based on user requirement documents.
* Involved in defining Test objectives for the applications and performed Manual Testing.
* Involved in cross browser testing using Chrome / Firefox and Internet Explorer.
* Involved in developing Integration Test Plans, System Test Plans and Performance Test Plans.
* Responsibilities include acceptance testing, functional testing, Integration testing, System testing, performance testing, stress testing and load testing the system.
* Participated in peer review with team and developers to review test cases/test script
* Sent test cases and test scenarios for verifications, modifications and approval to business analysts.
* Participated in regular project status meetings related to testing
* Implemented open-source web test tool Selenium Web Driver for cross browser and cross platform web testing.
* Used Quality Center/ALM for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
* Creating and implementing automated test suites and test cases using Selenium tools according to the product requirements.
* Used Selenium Web Driver to test search results of Meta search engine.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from oracle database.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment**: Manual Testing, Quality Center, MS Visio, HTML, Oracle, UNIX, Putty Agile Methodology, RTC, Bugzilla.

**EDUCATIONAL DETAILS:**

* **Bachelor of Science (Computers)**
* **Master’s in computer applications (MCA)**