**Ranga**

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* Over 8+ years of experience in Software Quality Assurance using Automation & Manual Testing with a solid understanding of all the phases of SDLC & STLC in multiple domains.
* Expertise in software development life cycle (SDLC) process and Agile.
* Experienced in developing Automation Frameworks using Java, TestNG, Selenium WebDriver, Maven and Jenkins for UI Automation functional testing.
* Responsible for doing the Selenium Automation using selenium web driver to build automated regression test suites for front end applications.
* Worked with enhancing Automation Framework to fetch expected data through API calls using Http Client.
* Experienced in writing locator scripts using XPath and CSS Selectors, also familiar with browser based locator plugins like Chropath,Firebug, Fire Path and XPath Helper.
* Implemented cross browser testing using Selenium for Firefox, chrome and IE. Experienced in parallel testing using Selenium Grid and TestNG.
* Exposure to Continuous Integration and Continuous Delivery.
* Experience in working with Build Systems like Maven and Continuous Integration systems like Jenkins.
* Knowledge on REST API automation using HTTP Client, Jackson libraries. Worked with TestNG assertions
* Designing and implementing test scripts for the mobile applications on IOS and Android platforms using Appium framework.
* Worked with locating elements using UIAutomatorViewer which is part of UIAutomator test framework by android.
* Experience debugging the android app using Android studio – Android Monitor, logcat.
* Experience with JMeter to do Load and Stress tests for Web applications and REST API’s.
* Worked in creation of load scripts using Jmeter - ThreadGroups, RequestSamplers, TestScript Recorders, Controllers, Assertions and Listeners.
* Experience with Service Oriented Architecture using SOAPUI tool to test web services.
* Very good at bug-reporting and bug-tracking using the test management tools like Quality Center, JIRA and Rally.
* Proficient with UNIX systems.
* Worked with SQL to test database for Data Mapping and Data Integrity.
* Experience in performing Functional testing, Backend Testing, BlackBox Testing, Integration Testing, Regression testing, User Acceptance Testing, and Automation Testing using Selenium WebDriver.
* Experienced in defining Testing Methodologies, Designing Test Plans and Test Cases, Verifying and Validating Web, Mobile and WebServices.

**Technical Proficiency:**

* Testing Tools: Selenium IDE/RC/WebDriver, Mercury Quality Center, ALM, Jira, JUnit, QTP, SoapUI, Oracle SQL Developer, Firebug, Firepath, TestNG, JMeter and Appium and Cucumber.
* Operating Systems: Windows, Windows 2003/2008 Server, LINUX, UNIX, Mac
* Programming Languages: Oracle (SQL), Java, Python
* Database: MS Access, MS SQL Server 2005, Oracle
* Continuous Integration: Jenkins
* Build Tools: ANT, Maven

**Professional Experience**

**Asana Inc, USA**

**May 21 to Oct 22**

**QA Salesforce with CPQ**

**Project Summary: -**

The project was to study the challenges in entire QTC process and to implement industry best practices. Some of the common challenges that we tried to optimize were –

* Streamline data from multiple disjoint systems and spreadsheets.
* Complex calculations excel
* Long approval periods
* Possible errors in quotes
* Poor source for customer 360 degree snapshot

The project is challenging and needed a strong QA lead who has experience in Salesforce admin and Salesforce CPQ. As a QA lead played a critical role to study the client requirements, work with the product manager and BSAs to identify best strategies for the company.

**Responsibilities:**

* With strong Salesforce CPQ and QA hands on experience, Partnered with client to understand the business process and requirements. Communicated best testing strategies for end to end testing of enterprise projects.
* Mentored offshore team and provided required training to build test scenarios and to execute testing.
* Effective communication and collaboration skills, shared testing knowledge and test strategy in a collaborative atmosphere, to lead and influence positive quality results among other testing teams.
* Strategically planned and executed functional, integration and user acceptance testing; including end-to-end test scenarios across multiple systems and batch processes.
* Developed test strategies and managing all aspects of software testing (CRP / UAT) and defect management (manage defect calls), feedback management.
* Represented QA team in Agile meetings, Story boarding, daily stand up meetings. Worked as part of Agile team to test, automate and maintain the automation frameworks.
* Developed automation scripts using Java, Python and Selenium WebDriver for web applications and HttpClient for REST API’s.
* Implement and administer third party software’s like Qase ttest management tool.

**Accenture Federal, Reston, VA**

**Feb 19 to Oct 20**

**QA Automation Engineer**

**FFM Project Summary: -**

The Centers for Medicare and Medicaid Services (CMS) Federally Facilitated Marketplace (CMS-FFM) project aims to create an end-to-end solution for plan management, eligibility and enrollment and financial management functions, as required by the Patient Protection and Affordable Care Act (PPACA) or ‘ACA’. FFM is an online health insurance marketplace providing core capabilities of a state-based exchange and allows individuals, employees and employers to assess eligibility online and to enroll in the insurance program of choice.

**Responsibilities:**

* Involved in Agile meetings, Story boarding, daily stand up meetings. Worked as part of Agile team to test, automate and maintain the automation frameworks.
* Designing and writing test cases based on the acceptance criteria of the user story assigned.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG.
* Developed automation scripts using Selenium WebDriver for web applications and HttpClient for REST API’s.
* Developed web services automated scripts using API specifications to verify RESTful web service calls using Http Client and JSON parsing libraries.
* Strong in API testing using tools like Postman and SoupUI.
* Write and execute automated functional test cases using SOAPUI Pro to test Web service API using both REST and SOAP interfaces.
* Created own wrappers for Configuration, WebDriver, Web Element to make code reusable for future.
* Based on UI Mapping and data driven patterns, developed Selenium test scripts in JAVA using TestNG framework.
* Used Page Object Pattern, UI Mapping, Data Driven, Base Classes, Dynamic Configuration, Dependency Injection, and Singleton to make the framework.
* Developed POC w.r.to UI automation using Python and Selenium for Web Applications.
* Measured statistics for Web Application using JMeter.
* Used build tools Maven and Continuous Integration tool Jenkins.
* Created and executed manual test cases using Rally.
* Created automation scripts in Eclipse, Selenium WebDriver, running them as TestNG.
* Good understanding and knowledge of UNIX commands.
* Test the application on different browsers such as IE, Chrome, Firefox and Safari.
* Wrote SQL statements for Data Mapping and executed SQL queries using SQL Developer.
* Knowledge on No SQl database MongoDB.

**Environment:** Agile, Selenium WebDriver, TestNG, Maven, Java, JMeter, SQL Developer, Jenkins, Appium, SOAPUI, REST API's, Rally, SQL, UNIX.

**Endicia, Mountain view, CA**

**Oct 16 to Dec 2018**

**QA Tester**

**Description:** Endicia deals with mailing and shipping easier, faster, and more efficiently. The client for Endicia is USPS. It helps Integration with existing systems like USPS easily for Online Sellers, Warehouse Shippers and Office Mailers. They have various API’s to embed USPS services into their applications and websites. These APIs provide the capability to validate addresses, sell customized postage etc. Also other API’S like Label Server API lets partners to offer customers USPS shipping without forcing end-users to install new software

**Responsibilities:**

* Analysis of functional specifications and designing Test Plans, Test cases for Functional Testing. Created data validation in white box testing environment.
* Created a framework using Java, TestNG, Selenium Web driver and Apache POI for UI automation functional testing.
* Knowledge on Page Object Design pattern along with Page Factory to drive Selenium scripts.
* Created data driven testing using CSV Reader API for data driven testing using Java and Selenium.
* Designed and developed Utility Classes in JAVA to help speed up automation and data verification for SOAP/API/XML responses.
* Created functional automation scripts for the report generation module using tools Selenium WebDriver and TestNG.
* Setup the Automation framework using Selenium WebDriver to run test cases in multiple browsers and platforms.
* Created performance test scripts using JMeter to monitor response time and performance of the RESTful APIs.
* Wrote some test scripts in Appium (Java + Selenium) to test mobile application functionality for IOS and android devices.
* Extensive experience with REST Api testing using Java utilities built using Apache Http Client.
* Helped in performance testing for API using JMeter, by writing and running the performance test, collect data, and generate reports using HTTP Samplers, Test Recorder, Controllers and Listeners.
* Assisted in unit testing of the application on TestNG framework.
* Worked on GIT Repository and developed Maven build java test scripts, and executed them in Jenkins build Production Environment
* Tested Ecommerce website involving Web, In-Store, Catalog, E-mail and Social modules
* Logging bugs and test status on Rally for project management and tracking.
* Used Firebug to select CSS selectors and XPath to identify UI elements.
* Used AVD, ADB, LOGCAT, and DDMS to test android application.
* Used SQL for data integrity testing, captured the SQL statements from the application execution and manually checked the results.
* Written Unix scripts to execute test scripts on batch process.

**Environment:** Selenium WebDriver, Apache Http Client, Maven, Appium, Android, Zira, TestNG, JMeter, Ecommerce, Scrum, SQL, Java, GIT, UNIX.

**AOL, VA June 14 to Sep 16**

**QA Tester**

**Project Summary: -**

*PACT* act as a Visualization and validation tool that allows users to view the organization’s hierarchy based on the WBS hierarchy. The tool will help zone leaders and regional managers to visualize changes they want to make to their zones/teams and allow them to submit change requests in an automated fashion.

**Responsibilities:**

* Analyzed the User/Business Requirements and Functional specifications documents as per the client’s requirement.
* Converted business requirements and design documentation into test design products: Test Scenarios, Test Cases and Test Scripts.
* Created Test Cases and manually executed them based on functional, technical and use case specifications.
* Involved in logging, tracking, closing the bugs.
* Involved in development of Requirements Traceability Matrix (RTM), Defect Reports, Weekly Status Reports. Designing various test cases at various phases based up on the business flow and change requirements.
* Worked on Smoke, Functional, Validation, Integration, Regression, System testing and backend testing.
* Performed Agile testing using user stories and scrum practices, to keep the customer involved.
* Worked on reproducing production issues in QA Manual testing environment
* Participated in walk through and business requirements meetings.
* Executed the test scripts using Quick Test Pro and evaluated the results, also used HP Quality Center to run and Schedule Automated test cases.
* Executed test scripts using Descriptive QTP 10.0, based on the existing framework
* Interacted with Business analyst for technical and functional requirement
* Executed integration, functional and backend testing.
* Prepared and executed SQL queries scripts for Database verifications using tool Toad
* Involved in writing keyword Driven Test script framework using Quick Test Professional.
* Involved in the execution of Test scripts for the Regression Testing using QTP 10.0.
* Involved in Sanity Check test, whenever there are new builds and was responsible for communicating the results of new build to the team.
* Extensively used Microsoft office suite (MS work, Excel and power points)

**Environment:** Windows XP, .Net, HP Quality Center, QTP 10.0, MS Word, XML, UNIX and My SQL.