**ANUSHA**

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**Sr. QA Automation Engineer**

**PROFESSIONAL SUMMARY**

* Having 7+ years of extensive experience in Analyzing, designing and implementation of QA testing strategy for Web based and Client/Server applications using Manual and Automation testing.
* Worked for domains like Service, Health, Telecommunication and Insurance Domains.
* Develop automation testing scripts for web, and client server applications, using test automation tools such as Ranorex, Selenium WebDriver. Developed and executed Test Plan, Test Cases, and Test scripts for various applications.
* Good experience in Web Services testing using POSTMAN, Rest Assured, SOAP UI, XML, & WSDL. Providing required input data to request XML & get the required data from response XML & use the response data from other request XML using SOAP UI.
* Performing Smoke Testing, Functional Testing, Backend Testing, Black Box Testing, Integration Testing, Regression Testing and UAT (User Acceptance Testing) Testing.
* Test Talend ETL mappings, transformations, loads, Build QA test cases, test scripts to test ETL platform.
* Experienced in reading the test data from Excel spread sheets using JXL API and TESTNG Data provider.
* Good experience in testing both SOAP and REST services using SOAP UI, Postman tested both XML and JSON formats. Worked on protractor (Jasmine), Java scripts to automate Angular JS application.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Center/ALM, JIRA, and Bugzilla.
* Worked in Creating/Executing/Troubleshooting Selenium automation test scripts generated from test cases.
* Knowledge in understanding the manual testing (emulators & IOS Simulators) & Mobile Application Testing using Appium. Working experience Xpath, Firebug, Fire path, Log4j, and TESTNG annotations.
* Experienced working on test management tools like team foundation server (TFS). Expertise in back ends testing and writing SQL queries, Joins, procedures using Oracle, SQL Server and MySQL Databases.
* Understanding and working knowledge of Automation Testing Frameworks -TestNG, Junit, Cucumber, Data driven, BDD, Keyword driven and Page Object Patterns. Experienced in continuous integration using JENKINS to support tools likes CVS subversion, GIT and execute Apache ANT and Apache Maven.
* Extensively worked on Selenium WebDriver with the preferred Languages Java, JavaScript, C #, VB, Python, Ruby and Perl. Experience on CLAIMS and HIPPA standard testing. Experience in working with Oracle, MySQL.
* Strong knowledge of SDLC as well as STLC and the role of QA in different testing methodologies like Agile and Waterfall. Experience in DOM as I used it in interacting with objects in HTML, XHTML and XML documents.
* Capable to demonstrate a commitment to increase product and test process knowledge and skills in current technical/functional area, keeping up to date on any new technical developments.

**SKILLS**

**Testing tools:** Selenium WebDriver/IDE/RC, Junit, TestNG, Eclipse, SOAP UI, Cucumber, SVN, GIT, Log4j, Firebug and Fire path

**Web Technologies:** HTML, DHTML, CSS, XML, XPATH, AJAX, JSP and JavaScript.

**Test Management Tools:** Jira, Bugzilla and HP ALM/Quality Centre

**Languages:** Java, JavaScript, AngularJS MVC, Groovy Scripting and Gherkin

**Server-Side Programming:** Node.js

**Database:** SQL, Oracle

**SOA Technologies:** SOAP, REST Web Services and Rest Assured Framework

**Testing Frameworks:** Page Object, Data Driven, Keyword Driven, Hybrid Driven Frameworks, Protractor

**Education Qualification:**

* Masters in IT Management – Devry University – NewYork, United States
* Bachelor’s in Computer Science - JNTU University, India

**PROFESSIONAL EXPERIENCE**

**Sr. QA Automation Engineer**

**American Chemical Society - Washington D.C Sep 2018 – Till date**

**Responsibilities:**

* Responsible for creating automation testing and coding standards.
* Responsible for creating JSON files for test scenarios.
* Responsible for planning regression test in every sprint.
* Implementing BDD through Cucumber. Using Cucumber to test code in Java language.
* Performing functional testing for web services API's using HTTP, HTTPS, Postman, Soap/UI tools used Java to run Cucumber features and generating reports on the daily basis.
* Creating the Feature files for Cucumber automation.
* Creating Test automation framework with Cucumber.
* Implementing REST API's with spring boot framework.
* Implementing Ranorex/Selenium Grid to execute test scenarios on multiple browsers.
* Identify API regression test cases for framework design covering validation requirements.
* Validate collections in MongoDB. Building tests through the maven pom file.
* Build QA test cases, test scripts to test ETL platform.
* Identify backend defects (Errors in Talend ETL mappings, transformations, Mongo queries, etc.) and being able to both recognize, document, report, and relay those back the development team. Then regression test to ensure resolution. Worked on Test Talend ETL mappings, transformations, loads.
* Work with Dev team to provide them test data setup and fix any bugs encountered.
* Testing execution and reporting through Jenkins. Maintaining code versions through GIT.
* Configuring Cucumber report plugin and performance plugin to Jenkins to generate HTML test reports.
* Execute automated test scripts from CI/CD and target to automate 100% regression scripts.
* Defect reports and extracts are available daily on the Testing JIRA/Q-Test site.
* All the stories and acceptance criteria written in JIRA.
* Record test cases of Manual/Automation in Q-Test. All test execution will be traced in Q-Test.
* All the execution reposts can be send to team by email in XLS, CSV and PDF format.
* Presenting automation test analysis during daily agile stand-up meetings. Coordinate and attend different team meeting, Sprint Planning, Retrospective, Review and daily Scrum meeting.

**Environment**: Selenium WebDriver, Ranorex, Jenkins CI/CD, Cucumber, Talend, SOAP UI, Apache HTTP, Angular JS, JavaScript, Qtest, Maven, Appium, TestNG, JIRA, Fire path, Firebug, IntelliJ, Eclipse, XPATH, Java, SQL Server, JMeter, Protractor.

**Sr. QA Automation Engineer/Mobile Tester**

**TASC- Madison WI Feb 2017 - Aug 2018**

**Responsibilities:**

* Interacted with Business Analyst and Developers to understand the application architecture and recommend testing strategy. Involved in all stages of STLC, TDD methodologies, SDLC using Waterfall, Agile methodologies.
* Effectively involved in Test case Development, Test Execution and Test case review by business analysts.
* Extensively involved in defect management to find out the bugs in initial level.
* Created Test Automation Framework for new enhancements in Selenium WebDriver using Java, Junit and TestNG. Built database Model, Views and API's using Python for interactive web-based solutions
* Implemented POM, Apache POI in WebDriver Scripts, Data Driven, Keyword Driven and Hybrid Frameworks using Selenium WebDriver, Junit and Java.
* Developed automation scripts to test Mobile applications IOS and Android platforms using Appium, Java. Proficient in using Appium Emulators and IOS Simulators to test the application virtually.
* Performed Acceptance testing and UI functional testing using Perfecto with extension of Appium and Java as scripting language. Experience in using JMeter for Load, Stress, Volume and performance testing.
* Developed Test Framework in Selenium for UI Regression Test Automation when necessary, and potentially execute Unit Test automation (Java/Junit).
* Involved in implementing End to End Test Automation Framework using Protractor with Jasmine to handle Angular JS. Implemented functional tests using Java, TestNG/Junit framework and BDD through cucumber.
* Performed DDT by using JDBC and Groovy script as a data source in SOAP UI and configured SQL queries to fetch data from the Oracle database. Performed Scrum (Agile) methodology for testing the application.
* Integrated the test suites to Jenkins to execute them automatically after every successful deployment and used it as continuous integration server to MAVEN.
* Used GIT as code repository and code collaborator to re-modify files for software development.
* Performed back-end validations using SQL statements against Oracle database.
* Performed bug tracking and reporting defects using JIRA and communicated with the development team to prioritize the bugs and bug fixing.

**Environment**: Selenium WebDriver, Jenkins, Cucumber, SOAP UI, Python, Maven, Appium, TestNG, JIRA, Firepath, Firebug, Eclipse, XPATH, Java, SQL Server, JMeter, Protractor.

**QA Automation Engineer**

**Hilton - McLean, VA Mar 2015 – Feb 2017**

**Responsibilities:**

* Created UI automation framework in C# and VB script for the ease of report creation and a simpler interface for the business users. Created test automation via C# or Coded UI, using Microsoft Visual Studio.
* Involved in testing of CRM, Service Ordering, Order management System, Provisioning and Billing Systems.
* Detailed Integration planning and specification for telecom BSS/OSS services including Voice & Text Messaging and IVR solutions. Performed Coded UI automation testing for the application, using Microsoft Test Manager.
* Responsible for manually testing the entire application for GUI, Functionality, Business Logic and Use case adherence. Tested request and response XMLs, based on web services interfaces using SoapUI.
* Applied robust POM on new builds and every modification in the application for Selenium WebDriver, to do smoke and regression testing. Tracked software problem reports, using TFS and Dev Track.
* Performed functional testing, regression testing, UI testing, and integration testing of the application.
* Worked on distributed test automation execution on different environment, as part of the continuous integration process, using Selenium WebDriver and Jenkins.
* Responsible for performance testing (Load) using JMeter (Controller, Virtual User Generator).
* Ran SQL statements manually to execute record counts on each table loaded into the system and compared with source table. Partnered with Developers, as necessary, to isolate and repair bugs.
* Performed Data Driven Testing, to test application for multiple scenarios with different varieties data.
* Contributed in developing the automation framework that used Selenium WebDriver and TestNG, and framework implements using Data Driven and Page Object Model.
* Implemented regression and smoke tests execution, as a separate step of the deployment process.
* Created automated scenarios using Selenium for regression and Data-Driven testing.
* Used Checkpoints, Descriptive programming and Data Driven Test Scripts in QTP.
* Used SQL queries to perform the back-end testing on Oracle. Reviewed and acted on all outsource partner issues during test execution and updated status in Quality Center.
* Involved in tracking and reporting defects using QC and was also responsible for communicating the status to the development team. Participated in daily Scrum meetings and gave the daily status of testing.

**Environment**: Java, QTP, SOAPUI, Node.JS, Agile (Scrum), JIRA, Load Runner, Cucumber, Firebug, API testing, SOAP, SQL, HP Quality Center, Oracle and Windows.

**Sr. Selenium / Automation Engineer**

**Progress Software - Hyderabad, India July 2013– Dec 2014**

**Responsibilities:**

* Working in a fast-paced agile environment, with daily scrums. Automating UI flows using Selenium WebDriver. Create, deploy and maintain automated system tests to replicate real-world scenarios.
* Maintaining the tests, adjusting or adding test cases as required.
* Maintained automated regression suites/packages to reflect the changing requirements and features.
* Expanded existed and developed new automation frameworks to support development and execution of automated tests. Contribute to System test methodologies, test plans and highly effective test automation.
* Identify functionality failures, analyze, submit defects that are well written and can follow-up on reproduction and trigging of the defects. Automate the functional, and sanity test cases using WebDriver, Jenkins. Tested API features using Postman. Working on branch merges and implemented using Git.
* Working on continuous integration test pipeline build team to ensure and improve efficient and stable builds. Data validations are performed to check the triggering data is securing into database.

**Environment**: Selenium WebDriver, Jenkins, Maven, Postman, TestNG, Page Object Model (POM), Quality Center, JSON, Agile, GIT, SQL, Jira, Windows, QA, Java script, Selenium IDE, WebDriver, Grid, SDL CMS, QC/ALM, JIRA, Bugzilla, TestNG, Junit, ALM, Rally, XML, Fire fox, Safari, Mac Pc, C++, MS Excel, MS Office, Oracle, UNIX.