**Shravya G**

**QA Automation Engineer/SDET**

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**PROFESSIONAL SUMMARY:**

* **9+ years** of experience in all the phases of **Software Development Life Cycle** and **QA Life Cycle**in all dimensions of Functionality, Usability and Reliability.
* Skilled in various program testing technologies using **automation** tools like **Selenium, Cucumber, SoapUI for web services** and following current **QA methodologies**.
* Diversified experience in **automation and manual testing** serving various domains such as **Telecom, E-Commerce and technology** companies.
* Worked on multiple projects, and extensively involved in **User acceptance testing (UAT), End to end, System Integration Testing (SIT), Unit testing, Functional Testing, Smoke testing, Sanity testing, Regression Testing, compatibility testing, Validation testing, Backend testing, Performance Testing, batch process testing and Cross-Browser testing.**
* Strong experience in creating **test frameworks** using open-source tools such as **Selenium, IDE/RC/web-driver/grid, SoapUI, Cucumber, Junit, JIRA and Eclipse**.
* Hands on experience in designing, developing and enhancing automated test scripts for **selenium using Java**.
* Good knowledge with **functional testing** and **cross browser testing** using **Selenium** to check that the **web application** works as expected in different browsers.
* **Software testing** as a **Quality Analyst**/**Mobile Application Tester**.**Automated Software Testing**using **Selenium, QTP, SOAP UI and Quality Center.**
* Experienced in **Analyzing, Designing** and **Implementation** of **QA testing** strategy for **Web based** and **Client/Server** applications using **Manual testing** and **Automation Testing Selenium** of client server application in **back - end testing**.
* Strong experience in Web Services Automation using tools **CA LISA 7.x**and**SOAPUI.**
* Experience understanding the code written in different programming languages **VB Script, Java Script**and **databases**like**Oracle, SQL** Server.
* Involved in Documentation for all kinds of **SSRS reports and SSIS** packages into the Confluence Page.
* Good experience in using **APM tool AppDynamics** in monitoring business transaction across all tiers (web/app/DB) of the applications.
* Experience in using the **JavaScript frameworks JQUERY, Angular.js, Backbone.js, React.JS&Node.js**
* Conduct **DevOps**Process Planning.
* Extensively used **object-oriented programming(oops)** concepts for automating the web applications.
* Automated Test cases in **TDD (Test Driven Development)**and**BDD (Behaviour Driven Development)**
* Expertise in designing **Automation Frameworks**
* Expertise in writing **Test strategy, Test Plan Preparation and Implementation, Test Case Design,**Test Tool usage, **Test execution**, **Defect Management and Defect Tracking.**
* Implemented functional tests using **java, testNG/Junit** framework and **cucumbe**r **framework.**
* Experience in Web debugging tools like **XPath, Firepath**, and **Firebug** and provided efficient locators for strategies like **Xpath** and **CSS** to run **web driven scripts.**
* Experience in **Automation tools** like **selenium**, **protractor**, **QTP (Quick Test Professional),**load and performance testing tool **JMeter** and **Mobile Automation testing tool Appium.**
* Worked in **ETL**environment involving **Informatica/DataStage**.
* Experience in using test-driven development in **Ruby on Rails, JavaScript, JQuery and Ajax-based**applications, **HTML and CSS.**
* Created **Data Driven Tests** by **using parameterization**. Created user defined functions in **VBScript.**
* Expertise in reviewing and analyzing **Software Requirements Specification documents SRS, Business Requirement Documents BRD.**
* Good experience in developing different type of **framework** like **Keyword driven, Data driven and Hybrid framework. Excellent knowledge** of **SQL, capable** of writing **SQL queries.**
* Created **automated test scripts** with **Java.** Also possess experience in using **SOAPUI** for **testing web services** developed using **SOAPUI.**
* Experience **programming**in **Java**, **Python**, **JavaScript**, **HTML**, **XML**and **SQL**on **Windows XP, Vista Operating Systems** and **UNIX** environments.
* **Remarkable communication and organizational skills with attention to business process details besides being a team player and self-starter.**
* Experienced in load and performance testing tool **JMeter.**
* **Expertise of testing the application developed using various mobile technologies including J2ME, Blackberry, Android, Symbian, DotNet Technology etc.**
* Experienced in testing client server and web-based applications using HP tools like **Quick Test Professional (QTP), Quality center (QC).**Also possess good knowledge **of UNIX/Linux shell commands** to tail the logs, adding users, starting services from the shell, settings aliases to frequently used commands, creating users and settings file system permissions.
* Experienced in **smoke testing, blackbox testing, Integration testing, Database testing, regression testing** and **GUI software testing**.

**TECHNICAL SKILLS:**

**Testing Tools:**  Selenium WebDriver/IDE/GRID/RC, HP Quality Centre /ALM, Junit, TestNG, JIRA, SOAPUI, QTP, Eclipse, Protractor, JMeter, Cucumber, Firebug, FirePath, Fitnesse, Coded UI, Appium

**Language/ Script:**  Java, JavaScript, Shell Script, VBScript (UFT), C, C++, C#, Python, Perl, SQL, PL/SQL, VBScript (UFT), .NET

**Frameworks:**  Junit, TestNG, TDD, BDD

**Firefox Addons:**  XPath, Firebug, Fire path

**Web Technologies:**  HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP, XML, CSS, Flash.

**SQA Technologies:**  SOAP, REST, WSDL, UDDI, Web Services, SOAP UI

**BugTracking Tools:**  HP Quality Center, BugZilla, Visual Studio TFS, JIRA.

**Build/ Tools:**  Ant, Maven, Jenkins, Hudson

**Databases Technologies:**  MS SQL Server 2000/2005, OLAP and OLTP, Oracle 9i/10g, MS Access 2000, SQL, Oracle PL/SQL, SQL\*Plus, TOAD, SQL\*Loader, MYSQL

**Operating Systems:**  Windows XP, 7, 8,10/vista & server 2003, UNIX and Mac.

**WORK EXPERIENCE:**

**Client: Finish Line, Indianapolis, Indiana Duration: Jan 2021 – Till date**

**Role:** **QA Automation Engineer/SDET**

**Responsibilities:**

* Extensively involved in the requirements gathering automation test planning and coordinated between business and development teams and delivering quality deliverables.
* Developed selenium automation test scripts for validating the user interface.
* Used GitHub as version control tool and SharePoint has document repository tool
* Involved in creating the comprehensive test plan and developed test cases.
* Analyzing the manual test cases for the feasibility of automation integration phase.
* Responsible for creating test environment and managing the required services and softwares for web services testing.
* Performed black box testing to check functionality of the application extensively in running the end to end flows as per business and involved in running smoke regression testing.
* Extensively interacted with the developers and operations team regarding the bugs and retest until issues are fixed and retested successfully which plays major role in going for production rollout.
* Developed test automation scripts, defined best practices and standards for test automation.
* Develop and maintain test plan and test cases with associated test data based upon functional requirements.
* Coordinated and collaborated across multiple cross-functional teams.
* Worked on performing API Testing for service level automation.
* Worked on validation of test cases and defect analysis.
* Used Quality Center/ALM for test case management, reports and defect tracking.
* Worked on web application automation for Confidential POS retail application using Java and Selenium.
* Used Appium for TPOS retail tablet application.
* Experience in writing manual and automation test cases for Point Of Sale application using Java and Selenium.
* Raised the bugs and kept a track of bugs listen in QCALM.
* Fixed Legacy automation scripts to keep it updated with the new framework / selenium version and UI / Data changes.
* Executed performance tests - load, capacity and stress test using HP Load Runner and Microsoft Visual Studio Load Test 2010.
* Designed and implemented complex SSIS package to migrate data from multiple data sources for data analyzing.
* Used SonarQube to check the quality of the test codes.
* Worked with operations team to integrate test cases through Jenkins and Saucelabs.
* Performed end-to-end test automation for web services applications (Soap and Rest) using LISA, Soap UI, and Postman.
* Conducted API service level automation for end-to-end global scenarios and standalone services.
* I used HPALM to test the quality of the test cases and to check the test case results and to open the defects if any.
* Used CALISA for service level automation to check if the services are performing as expected.
* Performed API Service Level testing for web services, enhanced the Test harness and developed many Test suites using XML and JSON.
* Created manual Test Cases in HP QC/HP ALM for various User Stories based on Release.
* Used Rally to create user stories tasks in Agile methodology for every sprint iteration.

**Environment:** API, Java, JUnit, REST, SoapUI, LoadUI, CALISA, POSTMAN, Excel, Eclipse, HPALM, QC, Saucelabs, SonarQube, Appium, Selenium.

**Client: Comcast Denver, CO Duration: Nov 2018 – Dec 2020**

**Role: Mobile Automation Test Engineer**

**Responsibilities:**

* Create and maintain regression scripts for automated testing utilizing Appium and Java.
* Report defects, data inconsistencies and test environment issues to the team.
* Manage tickets through JIRA.
* Used Dynatrace APM for day-to-day monitoring in different environments.
* Worked with different versions of Appium to perform regression testing in parallel on multiple platforms like Android and iOS.
* Perform the monitoring performance of the application and database servers during the test run using tools like AppDynamics.
* Publishing UAT test strategy for each release.
* Generated Python PostGre SQL Forms to record data of online users while written and executed various MYSQL database queries from Python using Python-MySQL connector and MySQL db package.
* Collecting support archive, session attributes for troubleshooting and support with APM vendors.
* Used Git and Stash to re-modify files and for software development.
* Worked on Python Open stack API's.
* Creating and executing Automation Scripts using CA Lisa for Web Services Testing
* Designed and developed Jenkins CICD pipelines for various internal apps.
* Actively participated in UAT meeting, ensuring business users understanding the scope.
* Reporting the status to the upper management on test progress.
* Generated test summary reports for management review using CA APM and Performance center.
* Automated regression tests using selenium, TestNG, GitHub.
* Generated automated test scripts for regression testing.
* Performed backend testing using SQL queries to check backend data and data integrity on SQL workbench tool.
* Reported the bugs, email notifications to the developer using Quality Center.
* Extensively developed Java scripting with OOPs Concepts and writing new services to be tested.
* Worked closely with developers for understanding deep about the issue and worked together to solve the issue and fix them.
* Applied Load Testing using JMeter and asynchronous node.js testing using Mocha.js
* Reported results and updates to the QA lead.
* Followed Agile Methodology for application Implementation and Testing.
* Created the Traceability matrix using Quality Center.
* Reporting and tracking the detected defects through Jira and ALM.
* Defined test automation strategy and scenarios, created automation test cases and plans and involved in executing test cases using Java and TestNG.
* Wrote complex SQL queries for back end data verification. Performed white box (API tests) on Stored Procedures, verified complex constraints/business rules implemented in triggers through the backend.
* Coordinated and worked hand-in-hand with developers in agile model and recorded defects using Jira and track until they are resolved.

**Environment:** Appium, Java, Agile, REST Assured, iOS mobile, iPad, Android mobile, SQL, Maven, Jira, GitHub, Jenkins, TestNG.

**Client: Citi Bank Austin,TX Duration: Oct 2017 – Nov 2018**

**Role: Selenium / Mobile Engineer**

**Responsibilities:**

* Analyzed the Business Requirements Document, created the test plan and prepared detailed test cases on HP Quality Centre.
* Used Agile methodology (Scrum) to ensure the new features meet the customer requirements and acceptable quality assurance standards
* Automated REST API testing using JMeter and automated UI using Selenium Webdriver
* Built database Model, Views and API's using Python for interactive web based solutions.
* Created automation framework in Selenium WebDriver using behavior driven approach like Cucumber.
* Written Selenium automation test cases to test existing applications for regression testing and Implemented Jasmine test cases to test the AnuglarJS code.
* Performed Functional, Integration, Regression and GUI testing using automation.
* Designed an automation framework for UI and batch testing in QTP/UFT.
* Involved in Testing in Agile Development Environment. Using TDD and ATDD approach.
* Developed and designed automation framework using Python and Shell scripting.
* Tested request and response XML's based Web Services interfaces using SOAPUI.
* Tested the Application by inserting checkpoints and synchronization points in test scripts using UFT.
* Developed Selenium test scripts for identified test cases by using Data Driven framework.
* Setup the Automation Framework using Selenium Web Driver, Eclipse, TestNG and Run test cases in multiple browsers and Platforms.
* Wrote unit and integration tests with Jasmine and Junit.
* Developed automation script for Mobile Native applications (IOS, Android) using Appium, Java.
* Interacted with developers and business Users to communicate the defects and actively participated in replicating the bugs and performed regression testing using JIRA.
* Combined MVC Pattern architecture concept, POM (Page Object Model) and created a framework using Selenium WebDriver to automate Web Client.
* Performed the Back-End testing to ensure data consistency on front-end by writing and executing queries on MS SQL Server.
* Conducted weekly meetings with development team discussing bug fix status and build releases.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, Doors, SOAP UI, Maven, React.JS, Appium (Android), TestNG, Quality Center, CA LISA, Firepath, Node JS, Firebug, Python, Eclipse, XPATH, Java, HTML, CSS, TDD, DevOps, Android, SQL, Oracle and Windows, JMeter, Jasmine, Ruby with Rails.

**Client: Insulet Corporation, San Diego**, **CA Duration: Sep 2016 – Sep 2017**

**Role: Selenium / Mobile Engineer**

**Environment:** Selenium WebDriver, Node JS, Python, Jenkins, SOAP UI, JMeter, React.JS, Maven, Junit, Quality Center, Eclipse, XPATH, Java, HTML, CSS, agile, GIT, SQL, Android, Oracle and Windows.

**Responsibilities:**

* Responsible for gathering Business Requirements, Functional Requirements and Design Documents.
* Extensively used Page Objects Design (POD) and page navigation framework for readable test script and easy maintenance from developer perspectives.
* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
* Tested the Application by inserting checkpoints and synchronization points in test scripts using UFT.
* Performed functional testing of individual modules (Accounts, Trading, Quotes and More) of the Application on iOS, Android, Blackberry OS, Windows OS operating systems.
* Involved in designing and building automation frameworks in support of continuous integration in a test-driven development (TDD).
* Automation Framework implementation for QTP.
* Involved in implementing Test Automation Framework using Protractor with Jasmine.
* Wrote Python/Perl scripts to parse XML/JSON documents and load the data in database
* Extensively used SQL statements to query the Oracle Database (RDBMS) for Data Validation and Data Integrity.
* Used Appium for test Automation Framework, Cross platform test Automation
* Involved in SEETEST and integration with HP Quality Center, ALM, JIRA.
* Performing Functional, Integration, Regression Testing, Smoke Testing, White box/Black box Testing for Mobile Application.
* Implemented Page Objects, Data Driven using Selenium WebDriver, JAVA, JUnit.
* Automated test scripts for client server and web-based applications using Java.
* Receive, execute, and reply to commands from within a UI Automation JavaScript program.
* Used Page Object Model in Junit/TestNG Framework, ANT, MAVEN and using Jenkins to ensure web application is automatically tested via scripts.
* Responsible for applying the Corporation’s Software Configuration Management processes to projects, setting up and maintaining TFS/GIT/GITHub infrastructure and supporting a continuous delivery model by automating software build and package migration processes.
* Responsible for reporting and tracking the issues using Quality Center/Rally, JIRA.

**Client: Accenture, Hyderabad India Duration: Nov 2014 – Aug 2016**

**Role: Quality Analyst**

**Environment:** HP Quality Center, QTP, Oracle, SOAP UI, Agile, JUNIT, SON, Java, T-SQL, JDBC, SVN.

**Responsibilities:**

* Created all Test Plans, Test Cases and Manual Scripts to create greater coverage for all initiatives assigned.
* Performed Data Driven Testing with different data sources using SOAPUI Pro and validated RESTFul web services requests and responses.
* Developed a fully functional RESTful Web-services supporting both XML and JSON message transformation.
* Experience in testing of Data Warehouse/ETL Applications developed in Informatica, Ab-initio, Data stage using SQL Server, Oracle, DB2, and UNIX. Ability to evaluate ETL/BI specifications and processes
* Created scripts with reusable and external Actions and, called functions in Actions.
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Waterfall, Agile methodologies.
* Performed multiple SOA architecture web services validation using SOAP UI Pro.
* Prepared Test cases, procedures, Bug Tracking, Logging and reporting bugs using Quality center.
* Developed and updated Test Scripts based on the Functional and Technical Specifications using Java/JUNIT/JSON Object
* Tested the application in highly dynamic environment with sprint team using agile methodology.
* Involved in writing and testing test scripts using Manual WebDriver and Java Object Oriented Programming Language.

**EDUCATION:**

Bachelors in computer science, OU, HYD, 2014