Vanisree

QA Engineer/API Tester

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Experience Summary:

* **6+ years** of experience with expertise in **Manual/Automated Testing** of Web based applications.
* Extensive Experience in all phases of Software Development Life Cycle (SDLC) and Testing Methodologies like Agile, Spiral, Rapid Application Development (RAD), and Waterfall Model.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as **Selenium WebDriver/IDE/Grid, TestNG**, **JIRA, POSTMAN, ALM** and **SOAP UI**.
* Good experience in creating automation framework along with developing, executing and maintaining automation testing script with **Selenium WebDriver.**
* Work experience in developing automation test scripts in **BDD, POM** frameworks and analyze test results and create defects.
* Experienced in web user interface automation testing with **Selenium WebDriver, java, JUnit, Cucumber and TestNG frame works**
* Ability to locate the objects based on ID, Name, XPath, CSS elector, Link, Partial Link, Attributes and Tags.
* Experienced in handling dynamic Drop-down, Auto-suggestive Drop-down, Radio buttons, Calendar UI, Alerts, and switching between a parent & child windows.
* Experienced in testing and handling different frames (frames, iframes) of a HTML page with having different DOM's for every iframe.
* Experienced in handling broken links and inter application links (page redirects to respective URL's) in development, test and production environments.
* Experienced in using Apache POI to read the data from external sources like Excel files in order to perform Data Driven Testing from **TestNG** **DataProvider**.
* Experienced in handling Ajax Requests and synchronization in **Selenium** using implicit and explicit wait conditions.
* Used **AutoIT**, **Robot API** tools in automation for Mouse movements, Keystrokes, Window control manipulations and print pop-ups which is not possible using **Selenium WebDriver.**
* Experienced in using **Selenium** **Utility** **Methods** provided by **Selenium APIs** to Capture Screen shots of failed Test Cases.
* Experienced in using **Maven** Plugin to integrate with TestNG to create Profiles for Tests.
* Experienced in **BDD** using **Cucumber** / **Gherkin** with Senarios, Scenario Outlines, Hooks and Tags.
* Experience in testing Mobile Apps using Android Studio and Real Devices to test the application using **Appium** and **Appium** **Desktop.**
* Expertise in creating Requirement Traceability Matrix (**RTM**), Daily/Weekly Status Report, Defect Report and Project Report.
* Excellent experience in developing **Test Scenarios, Test cases, Test Scripts** and **Test reports** for Manual as well as Automated testing for various applications to ensure proper business compliance.
* Extensive experience in GUI, Regression, Functional, Integration, System, User Acceptance (UAT), Sanity, Performance, Stress, Reliability, compatibility, Cross Browser, Security and Database Testing.
* Expertise in cucumber tool that computer programmers use for testing other software.
* Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

**Software skills:**

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| **Testing Tools** | Selenium WebDriver, TestNG, Selenium IDE, POSTMAN, SOAP UI, APPIUM |
| **Test Build & Integration Tools** | Maven, Jenkins |
| **Frameworks** | Cucumber, Data Driven, Hybrid. |
| **Programming Tools** | JAVA, Python, SQL |
| **Markup Languages** | HTML, XML, XPath |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Operating Systems** | Windows |
| **Defect Tools** | JIRA, ALM |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint. |

**PROFESSIONAL EXPERIENCE:**

**Client: F&M Bank, Timberville, VA Feb 2020 – Till Date**

**Role: Test Automation Engineer**

**Responsibilities:**

* Design and executed automated scripts to validate functionality, interoperability, and data integrity within the IT testing guidelines.
* Demonstrated the ability to effectively communicate with all levels of management regarding testing strategies, execution of test objectives, and testing progress.
* Tested Application UI Pages with Text Fields, Radio Buttons, Checkboxes, Drop Downs, Links, Alerts, Multiple Windows, Mouse Movements as part of Functional Testing using Selenium.
* Designed and developed test automation artifacts (scripts, functions, scenarios, processes) for simple to complex automated testing situations.
* Responsible for creating and building the API automation framework (Integration Test) Services LLC using **Java,** **Rest Assured** and **TestNG** platform.
* Ensuring test cases are developed and traced to software requirements for full test coverage.
* Using **Postman** to develop **Restful API** based automation for our backend services every sprint.
* Working with Android developers to have **Appium** automation.
* Worked with Frontend developers to have Night Watch automation for web application.
* Worked with Product team, UX designers, and the Development team to understand the overall business objectives, functional and system requirements of our product and services.
* Worked with the Project management team to provide accurate estimates for testing timelines and also managing the testing resources internally and externally.
* Conducting regular Bug review and status meetings on team's test plans and feature deliverables.
* Used **SOAP UI** for functional testing by developing Sprint based Test Suites for **SOAP API's.**
* Coordinated with developers and system engineers offshore to fix application defects.
* Reported testing status about the test plan coverage in daily scrum.
* Designed automation framework to validate the **Angular JS** developed application to verify **API** functionality.
* Used **Maven** to manage Project's build and dependencies and Jenkins for deployments to environments.
* Implemented test automation scripts for mobile testing using **Appium.**
* Executed Test Suites for Smoke, Functional, Integration, Regression, User Acceptance and Backend testing.
* Worked on Web services using **POSTMAN** exclusively on obtaining the needed information using the **URL** approach.
* Created whole test framework using Selenium for further test creation and execution.
* Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities of the application using **Selenium.**
* Tested the application in highly dynamic environment with sprint team using **Agile** Methodology.
* Analyzed the test results and logged the defects using **JIRA.**
* Used **Git** for Version Control and **Code Collaboration** to manage code reviews.

**Environment:** Java, Selenium WebDriver, Appium, TestNG, Maven, API Testing, Jenkins, SOAP UI, XPath, POSTMAN, Eclipse, Cucumber, JIRA, SQL, Windows.

**Client: Luckyvitamin, Conshohocken, PA Mar 2018 – Jan 2020**

**Role: QA Automation Engineer**

**Responsibilities:**

* Research, define and write accurate, detailed, organized user stories and acceptance criteria based on product goals and business objectives.
* End to End testing of the complete website which was developed using Angular.JS, JavaScript, HTML5, CSS3 and other web technologies.
* Involved in Regression testing using **Selenium** and Creation of automation scripts for web pages
* Developed automated Test cases in **Java** using **Selenium WebDriver**.
* Written **Core Java** Coding and automated more than 750 unique Test Cases for both Frontend and Backend involving different modules like Checkout, Item Page, Customer Cart and Payment Systems.
* Created user defined functions in **Java** and implemented the functionality with **Selenium.**
* Understanding requirement and developing end to end automation test scripts using **Selenium WebDriver** with **TestNG** framework.
* Find, isolate, document, regress, and track bugs through resolution via **JIRA.**
* Designed, developed and implemented Test Driven automation testing framework utilizing **Java** in **Eclipse**
* Conducted Test Case Walkthroughs to achieve consensus on Test Case correctness & completeness
* Executed and managed functional, integration, and system test cases. Wrote test cases to handle Alerts on the web page.
* Writing **Selenium** test cases using visual studio and C# as the base language to test various components of applications.
* Involved in using **Maven** build tool to manage framework dependency jar files in POM.xml.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium.**
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Id's and XPath in **Selenium.**
* Wrote Features using Gherkin format and implemented the step definitions using Cucumber for User Acceptance Test (UAT).
* Executed **SOAP** based web services API testing (**Java** client and **SoapUI**).
* Used **Selenium WebDriver** for automating of Cross Browser Testing on IE, Firefox, Safari and Chrome.
* Worked directly with analysts and developers to investigate software defects.
* Clarify requirements based on reviewing work flows and document findings and decisions.
* Worked closely with team QA to develop comprehensive Rest API test strategy.
* Validated **SOAP** responses by adding Assertions.
* Worked on the Android module of the project where I was responsible for automating the app using **Appium.**
* Involved in the Smoke testing whenever the build is deployed.
* Created JavaScript (.js) using describe, it, promise, resolve, reject, done, expect and assertions for REST API Validations like POST, PUT, GET and DELETE.
* Automated more than 355 new unique Manual Test Cases for both Frontend and Backend of the application.
* Executed Test Scripts in different env like Dev, Int, Stag, UAT and Prod using multiple browsers like IE, FF, and Chrome.
* Using **Jenkins** Continuous Integration Tools, trigger Cron Job to run daily sanity smoke test scripts in different environments like Dev and QA Environment.
* Using Postman validated REST API Web Service Call by sending JSON Request and JSON Response.
* Used **JIRA** for defect tracking. Based on priority/Severity of defects coordinated with dev team and make sure bugs were fixed on time.
* Working closely with the Developers in the review and modification of the product and its specifications using Agile-testing methodology.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Soap UI, Jenkins, Appium, Agile, POSTMAN, HTML, XML, XPath, JavaScript, JIRA, SQL, Oracle, Windows.

**Company: Mavin Infotech, Hyderabad, India Jan 2014 – Feb 2016**

**Client: Thrive Market**

**Role: QA Engineer**

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* Analysis and preparation of Regression testing Plan.
* Worked with developers for complete overview of the issues, updates on application to meet the goals on time.
* Attended war room meetings to finish the work under short timeline
* Have complete workflow knowledge of a loan from collections to settlement.
* Worked with data team in terms of loan conditioning or data requests.
* Involved in design and implementation of **Selenium WebDriver** **automation framework** for smoke and regression test suites **(TestNG and Maven).**
* Setup the Automation framework using **Selenium WebDriver** to run test cases in multiple browsers and platforms.
* Developed custom libraries **for automation** using **JAVA &Selenium WebDriver**.
* Added many front-end automation tests and BDD steps using **Cucumber** specification framework, **TestNG, Appium** and **Java** which decreased 75% of manual testing.
* Created Java based scripts for **Selenium WebDriver** with **TestNG** as automation frame work.
* Developed automated tests in partnership with developers for continuous regression testing and reducing manual testing using **Selenium, TestNG, and Maven**.
* Involved in creation of automation framework in Selenium **WebDriver** using behavior driven approach like **Cucumber**.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Extensively used **Selenium** (data-driven, XPath locator) and **WebDriver** to test the web application.
* Created automation scripts in **SoapUI** using Groovy Script for web services testing.
* Used **Selenium WebDriver** using **TestNG** and Eclipse for **automation in Hybrid model**.
* Monitored the test execution in **Jenkins** once the code pushed into Continuous Integration.
* Involved in Defect Management, Defect Review and Defect Status Reporting.
* Performed Regression testing on new builds, every modification in the application using **Selenium WebDriver.**
* Participated QA weekly meetings and various other meetings and discussed Enhancement and Modification Request issues and defects in the application.

**Environment**: Java, Selenium WebDriver, Eclipse, Jenkins, Soap UI, Appium, Python, TestNG, Cucumber, Agile (Scrum) methodology, JIRA, SQL, XML, Maven, Windows.

**Company: Virinchi Technologies Ltd, Hyderabad, India Jun 2012 – Dec 2013**

**Role: QA Manual Tester**

**Responsibilities**:

* Worked in Agile-Scrum Methodology and attended sprint planning meetings.
* Participated in daily Scrum and reviewed User Stories.
* Managed multiple projects using Quality Center to manage the test cases, test scripts, test results and defects for all phases of QA process.
* Developed and executed test cases in Quality Center.
* Actively involved in UI, functional, database and Integration testing of the application
* Modified and maintained already existing Test Plan Document, Test Cases and scripts to leverage the Automation team effort during the Regression testing.
* Extensively performed smoke and sanity testing.
* Extensively used Quality Centre for test management.
* Developed Test Cases from requirement document (User Stories) Participated in Peer Review.
* Extensively performed end to end to ensure data flow.
* Performed regression testing of the stories completed in previous iterations.
* Created and executed detailed test cases for the assigned area.
* Prepared test data for positive and negative test scenarios for Functional testing.
* Executed test cases manually to verify actual results against expected results.
* Prepared weekly status reports on test case execution, defects, RTM etc. Tracked progress of defects through to resolution.

**Environment**: Windows, SDLC- Agile/Scrum, QC, Linux, Maven, Git, Jenkins.