**Radha**

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**Senior Automation QA Engineer**

Senior Automation QA Engineer with 7+ years of experience in Software Automation Testing, in all phases of Software Developer Life Cycle (SDLC) & Software Testing Life Cycle (STLC). Diversified experience in Application Automation --Web, API Testing, Mobile with hands on experience in different technologies like **JAVA, Selenium, Maven, Jenkins, Cucumber, SoapUI**.

**Professional Summary: -**

* Worked in a **highly dynamic AGILE** environment and participated in scrum, sprint meetings and in waterfall.
* Expertise in dealing with open source tools like **Selenium (RC, WebDriver and Grid), SoapUI, Cucumber, TestNG, Jira and Eclipse.**
* Experience in working with **Java and OOPS** concepts required for the **Selenium Frameworks.**
* Experience in handling **Keyboard** and **Mouse** Events, Accessing Forms, tables, and link, using **Selenium WebDriver**.
* Experience in handling multiple **windows, Cookies, Alerts and Pop-ups** with **Selenium**.
* Experienced in using **Maven** to define project structure, dependencies, build and test management.
* Experienced in creating automation framework using **Hybrid model framework** and **Data Driven framework** to test web application. Thorough understanding of **POM** using page factory.
* Handled Selenium WebDriver features like **Implicit wait, Explicit wait and Fluent wait** under **Synchronization**.
* Expertise in **Java** and**OOPS** concept required for**Selenium** framework.
* Experience in functional testing of web-based as well as client-server applications using **Quick Test Professional (QTP)** and**Selenium.**
* Implemented batch run of desired test cases using **TestNG** annotations like **Groups, Parameter, and DataProvider**.
* Hands-on experience in handling **Ajax** call and Java script executers for dynamic web elements.
* Experience using **Accessing Forms, tables, link, Keyboard Mouse Events, Uploading File** using Selenium WebDriver.
* Use **Jenkins** forcontentious integration, GitHub for version control management**.**
* 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.
* Proficient knowledge on **Junit**, **TestNG** framework for Unit testing, **ApacheMaven**, **Ant** for Project building tool, **Jenkins** for Continuous Integration.
* Experience in **Data Driven** Testing, **Cross Browser** testing and **Parallel Test** execution using **Selenium WebDriver, TestNG**and**Selenium Grid**.
* Experienced in **Web Services** testing using **SOAPUI** tool. Validated request and response **XML, SOAP** and **RESTFUL** Web service calls.
* Used **Groovy scripting** for creating the dynamic mock responses and for executing the test steps.
* Extensively used **Selenium APIs** such as **TakesScreenshot** for Capturing Failed test cases and keep the details of passed test cases.
* Experience in creating test script for **Continuous Integration** and **Scheduled builds** periodically using **Jenkins** tool.
* Used **Excel Spreadsheets** and **Apache POI** to process the spreadsheets in Application Framework and used **AutoIt**.
* Developed Test Scripts to implement Features, Scenarios, and Step definitions for **BDD** (Behavior Driven Development), **TDD** (Test Driven Development) using **Cucumber** in **Gherkin** format.
* Generated test logs using **Log4j** for various **log levels**.
* Effectively involved in Defects logging, tracking and managing Defect Life Cycles **using HP Quality Center** and **JIRA.**
* Experience in Database Testing using **SQL Queries** with multiple Databases, SQL Server and MySQL.
* Expert in preparing **Requirements Traceability Matrix** to map requirement coverage with test cases.
* Experienced in using Source Version Control Tools like **CVS, SVN** and**GitHub.**
* Proficient in developing the automation scripts using **Appium** for mobile applications, Developed Automation test scripts for Android devices.
* Experienced in **Back-End testing** to ensure data consistency on front-end by writing and executing **SQL** queries for data validation using advanced TestNG annotation Data Provider for code reusability and **Java JDBC** for retrieving the Data.
* Expertise in different types of testing like **Manual testing, Integration testing, System testing, Smoke testing, Regression testing, JUnit Testing, Black box testing, Functional testing, Database testing, GUI testing, Web / UI** and **(UAT)User Acceptance Testing**.
* Good hands on experience working with development tools like **Eclipse, edit plus, GDB, Microsoft Visual Studio, SQL Server Management Studio, Eclipse IDE**.

**Technical Skills: -**

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| --- | --- |
| Methodologies | Agile(Scrum), Waterfall, SDLC, STLC, Bug Life Cycle. |
| Automation Tools: | Selenium WebDriver/IDE/RC/Grid, SoapUI, Cucumber, TestNG, HP UFT, AutoIt, Appium, Postman. |
| Programming Languages: | JAVA, C#, Gherkin, Groovy Script, SQL, VB Script, C++, JSON |
| Markup Languages**:** | HTML, XML, XPath, CSS Selector. |
| Artifacts: | Test Plan, Test Case, Test Strategy, RTM, Test Summary Report, Product Backlog, Sprint Backlog, Bug report. |
| Test Frameworks: | Data Driven Framework, Hybrid, Keyword Driven, Page object Model (POM). |
| Build & Integration Tools: | Maven, Jenkins, ANT. |
| Bug Tracking Tools: | JIRA, Bugzilla, HP- QC, TFS, Rally DEV, RTC (Rational Team Concert). |
| Databases: | MYSQL, Oracle, SQL Server, MS Access, and Mongo DB. |
| Utilities: | Eclipse, GITHUB, SVN, Firebug, Fire Path |
| Browsers: | Microsoft Edge, Internet Explorer, Mozilla Firefox, Google Chrome, Safari. |
| Operating Systems: | Windows (XP, Vista, 7 and 8), Linux, and Mac OS X. |

**Professional Experience :**

**Role: Sr. Automation Engineer**

**Client: AAA Duration: Aug2017 to Till Date**

**Location: Orlando, FL.**

**Roles &Responsibilities:**

* Working on **Agile Methodologies** (Scrum) by following regular Sprint cycles with active involvement in all sprint meetings with tester, developers, scrum master and product owner
* Responsible for going through the User Stories and creating Test Cases based on the mock up's provided in User Stories.
* Involved in documenting the Test Plan, Test Cases, Traceability Matrix and defect reports.
* Creating test scripts using **C#** and **Selenium** Web Driver for the functional test cases.
* Designed and developed BDD/TDD/ATDD framework by using the **SpecFlow**(Cucumber Specification) and added Scenarios in features files, Step Definitions.
* Written various Features, Scenarios, and Scenario Outline with Examples, Scope Bindings, Dynamic Tables and Hooks in**Gherkin**language for developing BDD framework.
* Created and executed automated (Coded UI) scripts in **Visual Studio** and in **TFS** Test Manager.
* Developed Automation scripts in Microsoft Visual Studio and used NUnit framework
* Created, implemented and maintained Page Objects (POM) for each Webpage
* Involved in Hybrid Test framework to achieve Regression Testing and developed packages for the Driver scripts, **Page Objects**, Reusable Libraries, **HTML** Extent reports and Log files.
* Implemented and configured **NUnit**, **Selenium web driver** from NuGet packages as build for adding all the dependencies.
* Used **HP ALM /Quality Center** for bug tracking and reporting, also followed up with development team to verify bug fixes and update bug status.
* Expert in **integrating Automation scripts** (Selenium WebDriver API) on Continuous Integration tools **Hudson/Jenkins** for nightly batch run of the Script.
* Served as an intricate team member in preparing Scope and Vision document. Helped manage scope and identify risks throughout the project life cycle.
* Logged Defects in**HP ALM** with priorities and co-ordinate with Development team for fixing.
* Used **JIRA** as Project management and **Bug tracking tool**.
* Performed **Data Driven Testing** (DDT) using Scenario outline and Examples. Creating test plan and test cases as per requirements.
* Perform **Functional Testing**, Regression Testing, System Integration testing, (**UAT**) User Acceptance Testing and **End to End Testing**.
* Implemented logic to read data from the Excel to achieve functional testing with different data.
* Performed mouse actions using Selenium Actions API. Implemented web element locators using Selenium WebDriver - By ID, Class, Name, CSS Selector, Xpath and Link.
* Working on Selenium Web Driver with Testing -Working On **Protractor** with **Jasmine**.
* Implemented logic to get the data from database using **ADO.NET** library.
* Involved in testing the Web Services like **SOAP** by using a tool **SOAPUI.**
* Created Project, TestSuites, Test Cases and Test Steps in SOAP UI Tools and Validated the Response XML file.
* Responsible for writing the **SQL Queries** using Joins, Stored Procedure to retrieve the data.
* Updating the test plan document for every Sprint meeting.
* Logging the bugs which are found during Manual Testing and Automation Testing the Suit.
* Developed SQL queries to validate the data integrity of the database.
* Performed parallel execution of test cases using **Selenium Grid**.
* Worked on **Angular JS** with its directives like ng-app, ng-model, ng-controller, ng- repeat, ng-hide, ng-show, filters etc., in a different project by supporting the team in developing the application.
* Consumed **Asp.net**web services in **AngularJS** using $http and routing services.

**Environment:**Visual Studios 2012 (IDE), C#, Selenium WebDriver, Selenium Grid, HP ALM, JIRA, Data Driven Behavioral Driven Development (BDD), Page Object Model (POM), SpecFlow, Gherkin (Cucumber), Nunit, Jenkins, TFS, VSTS, Protractor, Jasmine,Sql Server Management Studios, Chrome, Firefox, Internet Explorer HTML5, CSS3, Excel.

**Role: Sr.QA Engineer**

**Client: Blue Cross Blue Shield Duration: Mar 2017 to Jul 2017**

**Location: Chicago, IL**

**Roles &Responsibilities:**

* + - * Achieved good understanding of **Business requirements and Functional requirements.**
      * Participate in story grooming sessions, **Agile/Scrum**.
      * Prepared Test Plan, Test Scenarios and Test Cases and documented them in **HP Quality Center**.
      * Involved in Automation Infrastructure Development using **Eclipse IDE, Java, Selenium** Jars and **TestNG**.
      * Performed manual testing and maintain documentation on different types of Testing **Positive, Negative, Regression, Integration, System, User-acceptance, Performance and Black Box**.
      * Provides the status reports like how many test cases executed, defects found, defects pending, defects solved.
      * Created Test Cases using Element Locators and**Selenium Web Driver** methods.
      * Setup**Selenium GRID** to run**Selenium**scripts on different browsers.
      * Used **Maven** for building the WebDriver project. Integrated with **Continuous Integration** tools **Jenkin**s for running test on nightly basis automatically.
      * Involved in testing Web services (SOAP and REST) and XML with tool called SOAP UI, for the local WSDL / with URL and created Test cases, run them, do load testing, security testing.
      * Wrote**Selenium** script for taking screen shot and used action class to perform mouse movement.
      * Expertise in **POM.xml** to get required **dependencies** from **central repository**, add plugins, ran scripts using pom.xml file.
      * Integrated TestNG with Selenium using Eclipse to generate test execution result.
      * Create **JIRA** cards for all the defects found during the functional and regression testing.
      * Extensively used Selenium APIs such as **TakesScreenshot** for Capturing Failed test cases, select for selecting multiple values from list, Action for various key and mouse event, with different **Locators (Xpath, CSS, id, Link text**).
      * Involved in writing **Cucumber Gherkin** scripts as part of product design.
      * Test automation for web application using**Cucumber.**
      * Worked with all agile development and **SCRUM** process throughout the entire project.
      * Worked extensively on **SoapUI** for mocking the back-end web service calls.
      * Developed automated**Cucumber** tests using Java for step definitions.
      * Extensively performed Manual Testing process to ensure the quality of the software.
      * Organized Defect Review meetings and Quality Assurance meetings to escalate the issues found.
      * Scheduled Weekly Status meeting with Development and Management teams to discuss bugs and other issues.
      * Wrote **SQL queries** and stored procedures to validate data.
      * Documented errors and implemented their resolutions.

**Environment:** Java, Selenium WebDriver, TestNG, Extent Reports, Eclipse, Windows, Oracle, Jenkins, Maven, SQL server, JIRA, JSP, SOAP UI, SCRUM, AGILE.

**Role: QA Engineer (Selenium)**

**Client: JP Morgan Chase, Duration:Sep 2016–Feb 2017**

**Location: Dallas, TX.**

**Roles &Responsibilities: -**

* Managed large-scale data migrations, migration simulations, go-lives, functional testing, GUI testing, user acceptance testing, regression testing, compatibility testing, load testing and stakeholder communications.
* Migration engagement Project Planning and Scoping of time and estimates and forecasting for client.
* Participated in daily **Scrum** meetings, discussed with Business Analysts and Developers about requirement gaps, defects and blocking issues.
* Involved in testing different processes like data migration (master & transactional) and documented testing documents in JIRA.
* Setup the Automation framework using **Selenium WebDriver** to run test cases in multiple browsers and platforms.
* Created Java based scripts for **Selenium Web Driver** with **JUnit** as automation frame work.
* Worked on acceptance testing using **Selenium WebDriver**.
* Developed test automation frameworks such as **Data Driven, Keyword Driven and Hybrid** using Selenium WebDriver, TestNG and Maven.
* Written user stories in **TFS** added acceptance criteria for the requirements.
* Involved in the Data migration and validation tasks
* Created automation scripts in **SoapUI tool Groovy Script** for web services testing and to test **SOA** based architecture application to test **SOAP services** and **REST API**.
* Performed testing on **REST** based web services testing using **SoapUI, POSTMAN**.
* **SoapUI-Pro** Application was used to do **black box testing** to call interfaces on SOAP based and RESTful Web Services.
* Executed **SoapUI** for preliminary **smoke-test** to validate the build.
* Used **Selenium WebDriver** for writing test scripts for regression test coverage.
* Extended **TestNG** framework by adding some helper classes and methods.
* Involved in creating automation test suites for progression & regression testing in **SoapUI.**
* Validated request and response **XML/ JSON**. Added assertions to validate the XML/ JSON in **Web services SOAP** and **RESTFUL service.**
* Maintained detailed test logs and report test results in**HP ALM**Quality Center.
* Performed **GET** and **POST** requests in Ajax of XML, JSON using **JavaScript, jQuery**.
* Analyzed the **Log files** to verify the processes for debugging and or test data verification purposes.
* Contributed to the Continuous Integration pipeline running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running automated and manual functional tests.
* Used **Firebug/Fire Path** Add-on tools to identify the Object's id, Name, Xpath, link in the application. Used **ALM** and **JIRA** for tracking, analyzing and documenting defects.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML IDs** and**XPath in Selenium**.
* Defect tracking and resolution in**HP ALM**.
* Prepared user documentation with screenshots for **UAT (User Acceptance testing)**.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud based code repository system like **GitHub**.
* Conducted **backend testing** using SQL queries to validate data for database.
* Preparation of Daily and Weekly status reports. Attending weekly defect report meetings and presented progress updates.

**Environment: ­-**Java, Java Script, Selenium WebDriver, Selenium Grid, REST, TestNG, Maven, Jenkins, SOAPUI, jQuery, Eclipse, Firebug, Firepath, Postman, XML, DOM, GIT, TFS, Jira, HP ALM, Internet Explorer, Chrome, Firefox, SQL and Windows.

**Role: QA Analyst**

**Client:  Thomson Reuters Duration: Jan 2014 to Dec 2015**

**Location: Bangalore, India**

**Roles & Responsibilities**:

* Involved in testing of application using the **Scrum (Agile**) methodology.
* Used **Firebug** and **Fire path** for identifying the web elements uniquely in the web page.
* Developed automation test scripts using **Selenium WebDriver** and **Java**.
* Reviewed Functional Requirement Specifications and created test cases based on test scenarios drawn from functional requirements using Test Director.
* Developed and executed SQL queries for **backend testing**.
* Responsible for **smoke testing**, **UAT testing**.
* Implemented **Core Java and Object-Oriented concepts.**
* Handled the special **mouse events** and selected the options from the **drop-down** menu using Selenium Actions builder, mouse hover and **synchronization**.
* Generated Reports and Documentation.
* Tested the various **Service Oriented Architectures (SOA)** spanning across various web services using **SOAP and WSDL** across various applications using **SOAPUI**.
* Used parameters, data provider **TestNG** annotations to perform regression and functional testing.
* Used **Actions and Action** classes for performing **Keyboard and Mouse** events.
* Designed **data-driven testing framework**in**Selenium**and captured data dynamically from web controls.
* Used Hybrid which is a combination of both Keyword and **Data Driven Framework** to extract data from external Excel files using **Apache POI** and load into the variables in the scripted code.
* Interacted with business people and developers to exchange the updated status and interacted with developers to resolve technical issues.
* Implemented **Page FactoryModel** in the **data-driven framework.**
* Designed and Developed test automation Artifacts (scripts, functions, scenarios, processes) for simple to complex automated testing situations using various tools **like Selenium, TestNG** and **XPath**.
* Developed Selenium scripts to get the data from the webpage by using the methods like **getUrl, getTitle, getAttribute.**
* Reported daily status of data creation and sent weekly status **reports**.
* Execution of QA and Testing processes, and plans, bug documentation and bug tracking and used Requirement management and bug tracking testing tools like **Quality Center**.
* Updated test data, created and generated reports and logged the defects using **Rally**.
* Used **SVN** as a source repository system to share code within the office as well as team overseas.
* Involved in writing Test plan and performing Manual Testing.
* Executed the manual testing process of **Positive Testing and Negative Testing, Integration Testing.**

**Environment:** Selenium WebDriver, Eclipse, Java, TestNG, Rally, CSS, Cucumber, SQL, Html, MS-Excel, Jenkins, SVN, Log4j.

**Role: QA Tester(Automation)**

**Client:  Net app Duration: Jan 2011 to Dec 2013**

**Location: Bangalore, India.**

**Roles & Responsibilities**:

* Prepared various reports based on different stages of Testing.
* Involved in identifying the manual test cases for automation.
* Involved in preparing Test data based on business functions.
* Executing Test Scripts in **Selenium WebDriver** for **Regression Testing** and analyzing the Test results.
* Involved in writing the test cases test data and test scripts.
* Developed project in Eclipse IDE.
* Involved in updating and executing test cases per requirements.
* Identified the Test Cases and documented them in **Quality Center**.
* Updated **Reports and dashboards** to display the status of test coverage including the number of test cases passing, failing or pending.
* Involved in Managerial Meetings and attended various conference calls at different levels from QA, Developers and Clients.
* Written **SQL Queries** on Oracle database.
* Worked as a **Quality Center** support to ensure efficient services to the team and the client.
* Entered defect in **Quality Center** and conduct regression testing after fixing the defect.
* Performed data driven testing by using **JDBC** as a data source &configured **SQL** queries to fetch data from the Oracle database.
* Proficient in Functional Testing Tool Quick Test Professional (**QTP/UFT**) and the various **frameworks** in QTP/UFT.
* Worked on Functional testing, Smoke Testing, Adhoc Testing, Regression Testing, Component Testing and Browser Compatibility testing. As a Regression POC, I have maintained the Regression scripts for the whole application by updating the scripts, adding new scripts and executing the scripts.
* Involved across the full test lifecycle including planning, design, execution and reporting of tests, using appropriate testing tools and techniques and conforming to agreed processes.
* Performed all phases of end-to-end testing which includes **Acceptance testing, Functionality testing**, and **Smoke testing** of the Application, its interfaces and Client-Server Utilities.
* Followed Unified Modeling Language (UML) methodology using Requisite Pro and Rational Rose to create/maintain: Use Cases, Activity Diagrams, Sequence Diagrams, and Collaboration Diagrams.
* Provided daily and weekly reports to project manager and team leaders.

**Environment: -** Selenium WebDriver, Jenkins, Maven, TestNG, Quality Center, Firepath, Firebug, Eclipse, XPATH, Java, HTML, CSS, HP QTP, MS SQL Server, and Windows.

**Education:**

Bachelor's In Computer Science From JNTU Ananthapur, India.

Master’s In Computer Science From Northwestern Polytechnic University, California, U.S.A.