

RanjuShree Eshwaraiah
Sr. QA/SDET Engineer
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Denver, Colorado

SUMMARY:

Having 10+ years of IT experience as a Senior **QA Automation Engineer** in Software Testing, proficient in Client/Server and Web based applications. Expert in **Automation Testing (Selenium WebDriver), BDD Cucumber, API Testing, Protractor Angular Testing** and **Manual Testing**. Experience in performing clerical and administrative tasks and providing excellent customer support. Proficient in software issues identification and documentation.

Automation

Automation framework development

Java

Selenium Rest Assured SQL.

Excellent communication skills verbal and written able to communicate with technical people as well as management and business.

Has a broad understanding of Software Engineering concepts testing and methodologies.

Ability to be flexible accountable reliable and industrious.

Establish a strong presence as a change agent providing innovative effective and efficient Quality Assurance practices and solutions.

Ability to manage multiple priority efforts in parallel and ensure Quality Assurance standards are followed. Ability to work in an Agile environment. High-energy detail-oriented and proactive with the ability to function under pressure in an independent environment. Required: Fluent in Java and object-oriented development. Strong background in test automation with a focus on APIs. Experience with Spring Framework. Experience REST Assured Apache REST or other service-layer framework. Working experience with JDBC connections Oracle databases and PL/SQL. Experience with JUnit and/or TestNG. Working experience with Selenium WebDriver (Java). Working experience of delivery tools and scripting (Bamboo Jenkins). Working knowledge of ALM tool. Additional Skills. Experience in Pivotal Cloud Foundry or other cloud platforms. Experience and knowledge of continuous delivery and/or continuous integration. Groovy scripting.

- Proficient in using **Selenium** tool for web application and automating regression test cases using **Selenium WebDriver**.
- Expertise in different phases of **Software Testing Life Cycle (STLC)** and **Software Development Life Cycle (SDLC)** including methodologies like **Agile** and **Waterfall**.
- Actively involved in **Scrum Methodology** for the project from requirements through delivery of the project.
- Hands - on experience in the preparation of **Test Plans, Test Cases, Test Reports, Requirement Traceability Matrix**.
- Strong Experience in **Java** Programming, **Selenium WebDriver** and **TestNG**.
- Writing Test cases using **Element locators, WebDriver methods** and Java programming features.
- Expertise in performing **Functional Testing, Integration Testing** and **Regression testing**.
- Expertise in **Protractor** Automation testing for both **Angular** and **Non-Angular** pages.
- Implemented **Jasmine** as a testing framework for Protractor.
- Ability to perform Compatibility testing with different browsers like **Firefox, Chrome, IE, Safari** and with different operating systems like **Windows, Android, Mac OS**.
- Experience working on **Page Object Model** with **Page Factory** in **Selenium**.
- Experience in using **Selenium Grid for Cross-Browser and Compatibility Testing** to test whether the web applications are working as desired in different browsers and environments.
- Developed Test Scripts to implement Features, Test Scenarios and Step-Definition for **BDD (Behavior Driven Development)** using **Cucumber (Gherkin's format)**.
- Expertise in Core Java and Object-Oriented Concepts (Inheritance, Polymorphism and Collections).
- Good hands-on experience on various test management tools like **Jira, HP-ALM and Quality Centre**.

- Hands-on experience with all levels of testing viz., **Integration, Regression, Smoke, Sanity, Functional Testing, System testing and UAT.**
- Good Exposure to Testing Life Cycle and Bug Life Cycle.
- Experience in developing Selenium automation framework using TestNG and developing Maven targets to execute automation suites.
- Experience in Black box testing with a complete QA cycle from testing
- Using Espresso with Xcode to automate tests in parallel and priorities of the Test cases are set using Kotlin and XCUI environment
- Experienced in load and performance testing tool JMeter/Load runner
- Used Log4j and its components such as **Loggers** and **Appenders** to log information.
- Experience in doing **automation** testing for Mobile application using **Appium** tool and Perfecto mobile software, which involves **IOS** and **ANDROID** platforms.
- Performed **functional testing** of **web services** using **SOAPUI** and **RESTful web services**. Added **assertions** to validate the **XML** or **WSDL** file.
- Maintained the **Selenium & JAVA automation code and resources in configuration management tools like GitHub/SVN** repository over the time for improvements and new features.
- Responsible for developing the scripts to support **Jenkins** (Continuous Integration) of the scripts with the build server.
- Experienced with Soap and Restful web services testing using SOAPUI, Ready API testing web-services.
- Architected and implemented a new SAP Gateway server stack to accommodate both intra and extra application exposure using OData - SAP's next generation UI integration layer.
- Performed Database Testing with **SQL** and automated Data Validations using **JDBC**.
- Conduct **test case reviews**, provide project related status **reporting**, coordinate all release planning, and lead the testing team through all **project phases**.

TECHNICAL SKILLS:

Quality Assurance and Testing: Creating test strategy, test plan, test cases, test data and test execution, creating and managing defects, generating test execution scorecards and test dashboards.

Domain Knowledge: E-Commerce, Banking, Health & Welfare

Strong analytical and problem: solving skills.

Test Approaches: Waterfall, Agile/Scrum, SDLC, STLC.

Operating System: MAC, Windows XP/7/8/10, LINUX.

Defect Management Tools: JIRA, HP Quality Center.

Database: MY SQL, Oracle.

Web Technologies: HTML5, CSS, XML, jQuery, JavaScript.

Automation Tools: Selenium, Protractor, Jenkins, Robo framework.

Testing Tools: Selenium WebDriver, Appium, TestNG, Selenium IDE, Selenium RC, Selenium Grid, Cucumber, SoapUI, ALM, JMeter

Markup Languages: HTML, XML, XPath, CSS Selector.

Browsers: Internet Explorer, Mozilla Firefox, Google, Chrome, Safari.

Languages: C, C++, JAVA, Python

PROFESSIONAL EXPERIENCE:

Client: Northern Trust, Chicago IL (Remote)

Mar 2023- Till

Date

Sr. QA Automation

Responsibilities:

- Responsible for creating and maintaining both Manual and Automated test suites for the entire project.
- Worked with Business Users and SME to design and implement the Test Plan. Extensive experience in Functional, Integration, Regression, User Acceptance (UAT), System, Load and Black Box testing
- Analyze requirements and user stories before the build, by collaborating with product owners, and business analysts.
- Involved in Scrum agile methodology testing.
- Actively participate in Sprint planning to provide sizing for the testing stories of the sprint. Responsible for creating test scenarios for user stories and creating automation test suites using Python, Selenium Web driver, Pytest framework.
- Extensively used Page Objects Design (POD) and page navigation framework for readable test scripts and easy maintenance from developer perspectives and responsible for creating automation framework using POM- Page Object Model, and Data Driven to test web application.
- Performed BDD (Behavior Driven Development) using Cucumber Features, Scenarios and Step Definitions in Gherkins format.
- Responsible in executing Selenium test scripts on different browsers and checked for compatibility.
- Tested the application in highly dynamic environment with sprint team using Agile methodology.
- WebDriver, Agile, Java, Jenkins, Cucumber, SOAP UI, Maven, Appium, TestNG, JIRA, Fire path, Firebug, Eclipse, XML, LoadRunner, Python, JDBC, GROOVY, XPATH, HTML, CSS, TDD, Android, SQL, and Windows, JUNIT.
- Thorough understanding of POM using Page Factory. Responsible for executing the test cases, analyzing test failures and report issues, and defects through JIRA, Rally.
- Maintained the Regression test suite which should be run before every release, report any regression defects, and get them fixed before the release.

Environment: Java, Selenium, SQL, Azure Devops, Git Hub, Postman, REST API, Jira, Rally, Python, Pytest.

Client: Charter Communication, Denver CO

July 2022- Mar

2023

QA Automation

Responsibilities:

- Responsible for creating and maintaining both Manual and Automated test suites for the entire project.
- Worked with Business Users and SME to design and implement the Test Plan. Extensive experience in Functional, Integration, Regression, User Acceptance (UAT), System, Load and Black Box testing
- Analyze requirements and user stories before the build, by collaborating with product owners, and business analysts.
- Connected with the Roku device using Charles proxy.
- Design and execute load and stress test (JMeter, Blaze Meter)
- Performance testing (create a script, execution, analyze and create assessments) for web services, REST API and web experiences (JMeter)
- Involved in Scrum agile methodology testing.

- Actively participate in Sprint planning to provide sizing for the testing stories of the sprint. Responsible for creating test scenarios for user stories and creating automation test suites using Python, Selenium Web driver, Pytest framework.
- Extensively used Page Objects Design (POD) and page navigation framework for readable test scripts and easy maintenance from developer perspectives and responsible for creating automation framework using POM- Page Object Model, and Data Driven to test web application.
- Used Selenium WebDriver API to automate tests on cross browser and cross platform environment.
- Employed knowledge on Object Oriented Programming concepts and Java. Developed Test Framework in Selenium for UI Regression Test Automation and executed Unit Test automation (Java/JUnit).
- Performed BDD (Behavior Driven Development) using Cucumber Features, Scenarios and Step Definitions in Gherkins format.
- Performed Testing user experiences on Mobile QA, experience with Android/iOS/Chrome testing. Responsible in Performance testing, debugging, executing, and analyzing complex applications using HP Load Runner
- Responsible in executing Selenium test scripts on different browsers and checked for compatibility.
- Tested the application in highly dynamic environment with sprint team using Agile methodology.
- WebDriver, Agile, Java, Jenkins, Cucumber, SOAP UI, Maven, Appium, TestNG, JIRA, Fire path, Firebug, Eclipse, XML, LoadRunner, Python, JDBC, GROOVY, XPATH, HTML, CSS, TDD, Android, SQL, and Windows, JUNIT.
- Thorough understanding of POM using Page Factory. Responsible for executing the test cases, analyzing test failures and report issues, and defects through JIRA, Rally.
- Maintained the Regression test suite which should be run before every release, report any regression defects, and get them fixed before the release.

Environment: Python, Selenium, Oracle, SQL, Docker, Postman, REST API and SOAP services, JSON, Java Script, Atlassian JIRA, Electric Cloud Rally, Jenkins, Pytest, GitHub,

Client: Wheels Inc, Des Plaines, IL
June 2022

June 2020 –

Role: Senior SDET / QA Automation Engineer

Responsibilities:

- Worked with **Product, Design, and Engineering** teams on **requirements gathering** and **evaluation**.
- Participate in product design reviews to provide input on functional requirements, product designs, test estimates, schedules, and potential risks.
- Performed **Regression** testing to make sure that the operations staff can see the **aircraft-to-ATC** communication in clear text.
- Responsible for creating test scenarios for user stories and creating automation test suites using **Python, Selenium web driver, Pytest** framework.
- Responsible for maintaining test scripts and test cases for automation with Robot framework
- Have hands on experience in **groovy scripting** with **SoapUI Pop** and **Ready API testing web-services**.
- Testing & Automation of Test Scripts in **Ready API** using **Groovy scripting**.
- Used **Java Selenium Automation** for the entire regression testing and functional testing with Selenium as primary tool to the **Test Scenarios**, Test Cases and Test conditions identified.
- Good experience on Test Automation using Java Selenium Web Driver Framework.
- Manual testing to perform on IOS and Android devices for cross platform compatibility
- Implemented **Selenium Web Driver** for **cross browser** testing on **Chrome, IE, Firefox**.
- Created functional automation scripts using open-source tools Selenium and involved in creation of automation framework using Java Selenium testing.
- Extensive Knowledge in **Agile Methodology** and participated in **Sprint planning, Sprint Retrospective, Product Backlog Refinement, and daily Scrum meetings**.
- Worked on **XML** and experience of **Ready API** tool in Web services testing in **multi-tiered application architecture**.
- Experience in automating regression test cases using **Selenium WebDriver**.

- Confidential ended stand-up calls on daily basis and had two-week **Sprints** in **Agile Methodology**.
- Tested Angular 2 Application with **Jasmine** testing framework and **Protractor**. Used TypeScript for **automation**.
- Implemented automation using **Selenium Grid** to perform testing on multiple devices.
- **Application Screenshots** are captured using **Take Screenshot As** and copied the images whenever an exception occurs and at any checkpoint while execution.
- Handled various **Alerts** using different **methods** such as **dismiss, accept, getText** in effective way depending on the requirement.
- Responsible for developing the scripts to support **Jenkins** (Continuous Integration) of the scripts with the build server.
- Tested many features in an Agile environment using Python, Django, HTML5, CSS, JavaScript.
- Utilized **Appium with Selenium Java and Espresso with Kotlin** for automation testing of **native Android application**.
- Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD** (Behavior Driven Development), **TDD** (Test Driven Development) using **Cucumber** in **Gherkins** format.
- Used **GitHub** to maintain and manage the build scripts, test data used, and other documents related to the project.
- Implemented **TestNG** unit testing framework for the **smoke test** and used all **Annotations** in **TestNG** effectively.
- Good hands-on experience on **bug tracking tool** like **Jira**.
- Worked on **Data Driven/Page Object Model Framework** and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
- Worked on **Maven** for build and dependency management where I have added different **dependencies** such as Apache poi/TestNG/Maven-plugin-api etc. according to the requirement.
- Performed **functional testing** of **web services** using **SOAPUI** and **RESTful web services**.
- Performed of Android based Apps using **Appium**. Connected Real Devices.
- Performed **Cross Browser and parallel testing** to test the applications are working as desired in different browsers and environments.
- Expertise in **Smoke testing, Regression testing, System Testing and UAT**.

Environment: Java, Python, Robo framework, Selenium, TestNG, Ready API, XPath, Eclipse, Data Driven and Page Object Model Framework, Cucumber, SoapUI, Appium, Protractor, MYSQL, Oracle, Maven, Jenkins, Agile/Scrum, Gherkin.

Client: Optum, Eden Prairie, Minnesota
2020

Feb 2017 – June

Role: Senior QA Engineer/SDET

Responsibilities:

- Involved in Analysis and Review of the Draft Use Cases and User-Stories provided by the Business Analysts for every Release.
- Assisted in developing **keyword driven** and descriptive programming framework for automation defects.
- Involved in performing data inspection for files loaded from source to landing zone.
- Utilized Appium with Selenium Java and Espresso with Kotlin for automation testing of native Android application
- Detected, reported, and tracked defects using **JIRA**.
- Using **Espresso with XCode** to automate tests in parallel and priorities of the Test cases are set using **Kotlin** and **XCUI environment**.
- Participated in creation of source and target systems using ETL Process and worked with various databases.
- Involved in **User Acceptance Testing (UAT)**.
- Work in **Selenium IDE** and **Selenium Web Driver** and execute the test cases using Selenium Web Driver.
- Performed **Functional, Smoke, Usability, Integration and Regression Testing**
- Worked in protocols used in insurance such as **web Services, HTML, SOAP, XML**
- Integrated the selenium smoke test into Jenkins for continuous integration.

- Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium WebDriver and **Jenkins**.
- Tested each web services (**SOAP** messages) using SOA test tool (IBM Message Test Utility).
- Actively involved in **black box, grey box, and white box** of the application.
- Applied **synchronization** points and checkpoints wherever required.
- Developed **test cases and scripts**, and created virtual users in LoadRunner for **Load, Stress and Performance** Testing of the application.
- Interacted with developers and business Users to communicate the defects.

Environment: Selenium, SQL Server 2000, TestNG, XPath, Firebug, Fire Path, Eclipse, SOAPUI, SQL, Unix, LoadRunner, web Services, HTML, SOAP, XML.

**Client: Vineti, San Francisco, CA
2017**

Aug 2016 - Feb

Role: Quality Assurance Engineer

Responsibilities:

- Understanding the Requirements and Functional Specifications of the application.
- Performed Regression testing for new builds and every modification in the application using **Selenium WebDriver**.
- Configured **continuous integration** environment, using **Jenkins** to kickoff daily builds and **automation suites Jenkins, Maven, and GitHub. python**
- Used Java Selenium Automation for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
- Good experience on Test Automation using Java Selenium Web Driver Framework.
- Used Firebug Tool to identify the **Object's id, Name, XPath, link** in the application.
- Performed **cross-browser** testing.
- Used **Selenium GRID** to execute test cases on multiple platforms.
- Responsible for updating and maintenance of existing selenium scripts.
- Performed testing on web services using **SOAPUI** with **XML** web services and SOAP.
- Created positive and negative assertions based on the business requirements.
- Performed Data Driven testing using **SOAPUI**
- Participated in identifying the **Test scenarios** and designing the **Test cases**.
- Prepared and Executed Test cases as per System Requirements
- Involved in **GUI, Functional, Regression testing and System testing**.
- Involved in **Bugs Tracking & Prepare Bug Report Document**.
- Involved in **weekly review meetings**.

Environment: Java, Python, Selenium, TestNG, XPath, Firebug, Fire Path, Eclipse, CICD, Data Driven Framework, SoapUI, ANT, SVN, Jenkins, Agile/Scrum Appium, Oracle.

**Client: Delta faucets, Carmel, IN
Aug 2016**

July 2015 –

Role: QA Engineer

Responsibilities:

- Confidential ended **Weekly Status** meetings, **Walkthrough** meetings, **QA** meetings, and **bug review** meetings.
- Involved in the **kickoff** meeting.
- Used **GitHub** to maintain and manage the build scripts, test data used, and other documents related to the project.
- Test scripts are automated, created and executed using **Selenium WebDriver, TestNG**
- Test data required for the Automated test scripts are created in **MS Excel**.

- Used various classes of Selenium like Alerts, select to handle various scenarios
- Dynamic **Xpath** has been written to handle hidden and dynamic web Elements
- Sync points are used wherever necessary to make the scripts pass.
- Developed code in Java, J2EE, Webwork and Hibernate using XP Practices Pair Programming, TDD, Continuous Integration.
- **Page Object Model** approach has been implemented to reduce code redundancy.
- Used **Java** as programming language with Selenium to test web application.
- After execution, generated **test reports** have been shared with all the team members.
- Identified defects have been logged in **Defect tracking** tool HP Quality Center.
- Defect triage meeting had been conducted to discuss the status of the defects regularly.
- Test and run various **APIs** as part of System Integration Testing.
- Worked and communicated with programmers, project managers and other groups to set and meet quality standards and deadlines.
- Used Quality Center to store all testing results, metrics, implemented test plan document, created test cases, Defect tracking and reporting.

Environment: Java, Selenium, TestNG, XPath, Firebug, FirePath, Eclipse, Data Driven Framework, SoapUI, ANT, SVN, Jenkins, Agile/Scrum Appium, Oracle.

Client: Valuelabs, Hyderabad, India

May 2013 – 2014

Dec

Automation Tester

Responsibilities:

- Analyzed Business requirements, Application and function specifications, and Design documents.
- Developed Manual Tests by analyzing product use cases, and requirements as well as technical design and implementation artifacts to create test cases that execute the specific product functions.
- Identified the Test Cases and documented them in **Quality Center**. Performed **GUI, Functional, Regression, Ad-hoc** and
- **Smoke Testing**. Prepared various reports based on different stages of Testing.
- Involved in developing detailed test plan, test cases and test scripts for Functional and Regression Testing.
- Performed quality assurance reviews on all System Development Life Cycle phases.
- Designed and executed the automation test scripts using **QTP**.
- **Regression testing** was performed after each build release of the application using QTP.
- Tested Web Services using **SOAPUI**
- Worked with developers to communicate regarding issues in the application.
- Coordinated the testing effort towards End-to-End testing to verify the proper functioning.
- Developed test scripts to Performed Integration testing, System testing, and Regression testing.
- Created Test input requirements and prepared test data.
- Data validation and Database integrity testing done by executing SQL queries.
- Fixed application issues and helped to mitigate defects.
- Involved in the Bug fixing of various modules reported by the testing teams in the application during the integration.
- Follow up with Development team on defect resolution. Updating daily status to Release Manager which includes issues, action items, defect status etc.
- **Environment:** QTP, VBScript, QC, SOAPUI, SQL, Microsoft Office Excel, Waterfall