**Senior QA Automation Engineer/SDET/ETL Engineer**

**Dharma**

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**Professional Summary:**

* Around 4+ years of experience in web applications testing using Manual and Automation Testing.
* Experience in various phases of Software Development Life Cycle, Software Testing Life Cycle and Defect Lifecycle, working under **AGILE (Scrum),** **ITERATIVE** and **WATERFALL** methodologies with strong understanding of Business needs and changes required.
* Proficient in writing **Selenium WebDriver** automation scripts in **JAVA** for automation testing of Web Applications.
* Experience in testing web-based applications using **Selenium WebDriver/RC/IDE, Protractor** with **Jasmine library, JUnit, TestNG, Jenkins, Appium, Cucumber, SoapUI and** **JMeter.**
* Experience in using Automation Testing as part of CI/CD pipeline in a **DevOps** environment.
* Well versed in designing and implementing automation scripts using **Selenium Web Driver**, **JUnit** and **TestNG**.
* Experience in building different automation frameworks such as Data driven, Page Object Model, **BDD.**
* Experience in **Functional, Regression** and **Compatibility testing**.
* Expert in working in **Data Migration projects** which involves **Data Analysis, Data Mapping and Data Validations.**
* Experience in Test management tools **Quality Center (ALM)** and **JIRA** for tracking defects and maintaining test cases.
* Develop and execute performance test scripts for load and stress of **UI** and Webservices testing using **JMeter**.
* Performed API testing using **POSTMAN** and **SWAGGER** to check the request and response of the webservices manually.
* Experience in preparing detailed Test Strategy and Test Plan reports, Writing Test Scenarios and Test Cases, creating **Requirement Traceability Matrix, Defect Report**, and **Test Summary Report**.
* Experience in different phases of testing including **Smoke, Integration, End-to-End, System, Regression**, **security**, and **User Acceptance (UAT) testing** and **Compliance testing**.
* Ability to handle defect **triage meetings** to review the defects with the team.
* Management experience in designing Walkthroughs and inspection meetings for reviewing Test scripts and results.
* Experience in Defect Tracking and Reporting using Quality Center (QC) and JIRA.
* Experience in creating Test Matrix, Requirements Traceability Matrix (RTM).
* Experience in Functional Testing, Regression Testing and User Acceptance Testing in a multi-tier environment.
* Expertise in successfully carrying out projects right from requirements gathering to product delivery.
* Experience with converting business requirements into functional requirements.
* Experience in Web based testing including **GUI Testing, Smoke**, **Regression Testing**, **Integration Testing**, **System Testing**, **Functional Testing** and **Unit Testing**. Executions and validations to find high priority, severity defects.
* Expertise in creating manual Test Cases in **HP QC/HP ALM** for various User Stories based on Release.
* Familiar in working with various operating systems- WINDOWS.
* Proficient in devising all the artifacts of testing such as Test Scenarios, Test Cases, Defect Reports and Test Summary Report.
* Strong knowledge in **SQL queries** with an experience of working **in Oracle**.
* Well-versed in conducting knowledge sharing sessions among team members, explanations, Q&As.
* Ability to lead discussions with **Business Analysts**, **Developers**, and **Subject Matter Experts**.
* Expert in MS office suite - Word, Excel, PowerPoint, MS Access.
* Highly motivated team player with good technical and analytical skills.
* Quick learner of new technologies and can implement them in a project within a short period of time.

**Technical Skills:**

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| Testing Tools | Selenium WebDriver, JUnit, TestNG, Cucumber, SOAPUI, JMeter, Jbehave, Cucumber, Eclipse, Test Plan Manager, SoapUI, Postman, Zephyr, AWS, Jenkins, CI/CD |
| Tools | Firebug, Fire path, Toad |
| Test Management Tools | JIRA, HP Quality center (ALM), Microsoft Teams, TFS, Confluence, |
| Databases | Oracle, SQL Server |
| Microsoft Tools | MS Excel, MS Word, MS PowerPoint, MS Visio |
| Database Testing Tools | Toad, SQL Developer |
| OS | Windows OS, Unix/Linux |
| SDLC Methodologies | Waterfall, Agile SCRUM |
| Programming languages | Angular-JS, Java, Python, TypeScript, JavaScript, HTML5, CSS3, SCSS, Bootstrap |

**Professional Experience:**

**Albertsons, Toronto**   **Aug 2020 to Present**

**Senior QA Engineer/SDET**

* Performed functional tests using **Selenium WebDriver** with data driven framework and generated Extent report for test cases execution summary.
* Creating Selenium web-driver automation using Java for various functional flows in web-interface.
* Performing Data driven testing using **Selenium WebDriver**, **TestNG** functions that reads data from scripts using **XML files.**
* Executing automated Test Scripts through **Maven** and used **maven** for building the **WebDriver project.**
* Conducting **Sanity**, **Integration**, and **System Testing** of the application.
* Writing the test plans, test cases, and test scripts.
* Converting Business Requirements and Design Documentation into Test Cases and Test Scripts.
* Developing test cases for various testing approaches.
* Organizing the test environment for various kinds of tests.
* Working on **SQL queries**, worked on nested queries, extensive use of backend queries.
* Conducting **backend testing** using **Toad** and **SQL Queries**.
* Conducting **Regression testing** after every new build and version.
* Performing **Front End testing** and **back end** as well as **Conducting Negative** and **Positive testing**.
* Working with the users, development team and product testers for **User Acceptance Testing** and accordingly sharing data.
* Performing **Gap Analysis** while maintaining **Test Matrix** and **Traceability matrix**.
* Performing different types of testing like **Integration**, **System** and **Performance Testing**.
* Interacting with the team members on the daily basis, Communicated testing status.
* Participating in breaking down the User Story into Tasks and assigning.
* Using **HP ALM** to store Test Plans, Test Cases, and Test Scripts and for bug tracking as well as to record documenting information useful in debugging process, evaluating test data.
* Participating in daily meetings and weekly meetings for reviewing progress and addressing issues and concerns.

**Environment**: Selenium (WebDriver, Grid), Windows XP, Oracle, HP ALM, MS Office, SQL, JIRA, AWS, Confluence, Postman, NPM, NodeJS, Jenkins

**JP Morgan, Toronto Jan 2019 to Jul 2020**

**QA Engineer**

* Reviewed Technical Documentation focusing on Product Backlog and Functional Specifications Document.
* Used MAVEN for build management, Git as source repository and Jenkins for Continuous Integration of the builds.
* Executed the test plans on web and mobile (Apple & Android) as per requirements using Appium tool.
* Implemented simulator for Mobile App Testing in Android Platform using Appium.
* Performed User Acceptance testing (UAT) exclusively in an agile environment.
* Used Selenium WebDriver to run test cases in multiple browsers and cross Platform
* Understanding the application design and functional specifications by interacting with the Project Manager, Business Analysts and Developers.
* Developed Test strategy and Test scenarios by analyzing Business Requirement.
* Developed detailed Test Cases based on the test plans.
* Implemented Page Object Model Design Pattern with Java, Selenium Web Driver.
* Cross browser compatibility testing performed using TestNG and Selenium GRID
* Implemented JIRA as a project tracking tool/Defect tracking/Test case Management tool.
* Implemented Jenkins tool for continuous integration of the builds.
* Worked on Jenkins and Docker interactively and integrating together for end-to-end automation of builds and deployment.
* Designed manual Test cases and BDD Feature Files from requirements through Cucumber on a data driven framework using apache poi library.
* Keep track of all the Legacy defects and monitor them across all the environments.
* Reviewed the System Test Results with UAT, Business and Developer Team.

**Environment:** Selenium WebDriver, Selenium Grid, Testing, Jira, Oracle, Jenkins, Postman, Maven, Soap UI, AWS

**ADP, India**   **June 2018 to Dec 2018**

**Manual Tester and Automation Engineer**

* Coordinated all QA activities and enhancements using Agile Methodology.
* Developed automated scripts using Selenium Web Driver and JAVA with TestNG Annotations.
* Implemented Selenium test script in the POM automation framework.
* Performed manual testing of each build and then regression testing using Selenium WebDriver.
* Developed test automation scripts using Selenium WebDriver for regression and sanity testing of the various releases of the application.
* Conducted Smoke testing, Functional testing, Regression testing, Integration testing, User Acceptance Testing (UAT) and Data validation testing.
* Reviewed the Business Requirement Document to understand the process and write Test Plan and Test Cases.
* Developed and maintained multiple project deliverables such as Test Plans and Test Cases.
* Writing and Reviewing Test Cases written by Peers Uploading Test Cases in QC.
* Involved in execution and logging defect in HP QC and Verification of defects.
* Performed UI and API testing using Cypress and created from framework from the scratch.
* Used Unix Commands to access and trouble shoot Errors by accessing the Error Log files.
* Participated in Design Phase, together with members of the Product team, developers, and DBAs.
* Developed SQL queries to check the database automatically and checking the data integrity in accordance with business standards of the company.
* Executed SQL queries for validation of data and used TOAD for SQL Server to write SQL queries for validating constraints, indexes.
* Created the Functional Traceability matrix (Requirements Traceability Matrix) based on the test coverage from the Quality Center.
* Participated in User Acceptance testing (UAT) and involved in UA test cases, executed test cases, Documenting Defects, resolved defects and Signed Off from Application.
* Good knowledge of Financial Products like Derivatives, Equities and Fixed Income.
* Conducted meetings with QA Manager and members of Product team to receive approval on Test case coverage of requirements.
* Hands on work experience working with offsite team model; coordinate my own efforts with team members in the off- site team.
* Reporting daily status to client and attending daily status meeting.

**Environment:** Selenium, Windows, Postman, UNIX, QC 11.0, TOAD, SQL, PL/SQL, Word, Excel, PowerPoint, MS Visio, MS Project, Firefox, IE, Chrome, Cypress

**Education:**

Bachelor of Engineering in Mechanical- Sathyabama University.