**Priyanka**

**QA Engineer**

**Professional Summary:**

* **11+ years** of extensive hands-on experience in Analysis, design, development, testing and Implementation of Automation testing solutions using **Selenium.**
* Professional experience in all the phases of Software Testing Life Cycle (STLC) - **Agile/Scrum** Model and **Waterfall** model and Software Development Life Cycle (SDLC) that incorporate Requirement Gathering, Analysis/Design, Documentation, Development and Testing.
* Maintained DSR to assess readiness and completeness of the product.
* Expertise in user requirement analysis, documenting test plans, execution of test cases to verify application functionality against business requirements by using **Selenium WebDriver/Grid/IDE**.
* Strong experience in Automating Web Application Testing using **Selenium WebDriver** with **TestNG** framework.
* Expertise in writing unique **XPATH**.
* Experience in Project KPI to improve the performance and productivity.
* Expertise in creating test cases in BDD framework using **Cucumber**.
* Experience in developing automation framework and scripts for **End to End (e2e)** testing using **Selenium WebDriver.**
* Created **automated Test scripts** using selenium web driver using Java and ran the test scripts on various Builds and instances.
* Experience in writing Test Plans, defining Test Scenarios and Test Cases, developing, and maintaining test scripts, analyzing bugs, interacting with development team and track the bugs till closure.
* Technically resourceful in different types of testing such as **Functional, Regression, Integration, Black box, smoke, backend, GUI, Volume, Load, Performance, System testing, and User Acceptance.**
* Proficient in Defect Management, including Defect creation, modification, tracking, and reporting using Quality Centre /ALM and JIRA.
* Experience in Functional Testing, Data Driven Testing and Validating WSDL using **SOAP UI/Postman tool.**
* Strong experience with **SOA** architecture which include **SOAP Web Service** and **RESTful** Web Service Testing.
* Experience in maintaining **Selenium WebDriver** and **Java** Automation Code and resources in source controls like **GIT** for improvements and new features.
* Hands on experience in using build and project management tools like **MAVEN** and Continuous Integration (CI) tools such as **Jenkins**.
* Experience in programming skills in C++.
* Developed and executed comprehensive test plans and test cases for C++ applications, ensuring adherence to quality standards and project requirements.
* Good programming skills in **Java, SQL, PL/SQL**, C++ and experience in **MYSQL, SQL Server** and **Oracle** Databases.
* Proficient in using basic **SQL queries** to perform back-end testing for data integrity.
* Effective Time Management Skills and consistent ability to meet client deadline.
* Ability to adopt to new methodologies, tools and technologies and domains depending on the job responsibilities.

**TECHNICAL SKILLS:**

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| **Methodologies** | Agile, Scrum and Waterfall |
| **Testing Tools** | Selenium WebDriver/IDE/RC/GRID, Cucumber, SOAP UI, Postman, Jenkins, Maven |
| **Testing Framework** | JUnit, TestNG, Cucumber |
| **Scripting Languages** | Java |
| **Query language** | SQL, PL/SQL |
| **Web Technologies** | HTML, XML, Web Services, JSON |
| **Database Applications** | Oracle, MS SQL Server |
| **Operating Systems** | MS-Windows |
| **Bug Tracking Tool** | JIRA, Quality Center/ALM, Rally, Test Rail |
| **Version Control Tools** | GitHub and Bitbucket |

**PROFESSIONAL EXPERIENCE:**

**Client: Optum (United Healthcare), MN Nov 2023 – Till Date**

**Role: Sr Quality Engineer**

**Responsibilities:**

* Understand the application business logic with Business Requirements Specification documents and functionality of application with Functional Requirements Specification Documents.
* Created data-driven automation scripts for testing **API Web** Services using **Postman**.
* Performed API testing using Postman.
* Designed, executed, and maintained **java/selenium** automated test cases for automated tests for web application.
* Used Postman to validate the system’s functions and maintain data accuracy.
* Performed database testing with tools like **DB Visualizer** and **MySQL**.
* Testing a complex Web based application with backend validation in SQL database and using Postman.
* Used **JIRA** and **Rally** for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
* Executed Smoke, Functional, Regression, Integration and UAT Tests in Test and stage Environments.
* Performed all aspects of verification including Smoke testing, Functional testing and Regression testing on major functionalities of the application.
* Tested the application under Scrum (Agile) Methodology.

**Environment:** JavaScript, Jenkins, GIT, JIRA, Rally, SQL, Agile methodology, POSTMAN, Azure Colud.

**Client: Publix Super Market, FL May 2022 – Nov 2023**

**Role: Test Automation Engineer**

**Responsibilities:**

* Understand the application business logic with Business Requirements Specification documents and functionality of application with Functional Requirements Specification Documents. Created Test plan, High level scenarios, test case and test estimates, and weekly status reports.
* Involved in Selenium Data-Driven Framework with Core Java programming and **TestNG** annotations.
* Created data-driven automation scripts for testing **REST API Web Services** using **REST Assured.**
* Developed test code in Java language using **Eclipse, WebDriver and TestNG** framework.
* Automated the entire flow and wrote test cases for individual pages using **TestNG**.
* Wrote automated testing code in **Selenium WebDriver** in Eclipse IDE for functional testing including **AJAX**-enabled applications.
* Used **XPATH, Regular expression** and classes to perform **UI** actions. Exported output/reports for all automated testing results.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Setup **Jenkins** to run regular regression tests using **Maven** configuration.
* Created data-driven automation scripts for testing **API Web Services** using **Postman.**
* Used Postman for API testing to verify the CRUD operations.
* Involved in testing of web application by creating XML test suite.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML ids and XPATH in **Selenium**.
* Coordinated with developers and record defects in **JIRA** to track until they are resolved.
* Conducted Test Case walkthroughs to achieve consensus on Test Case correctness & completeness ensuring width and depth of test scenarios.
* Performed functional and regression testing to identify various critical points in the Application and automated it by using **Selenium WebDriver.**
* Developed **SQL Scripts** for Backend Testing to ensure that the data is updated as per the Business Rules.
* Responsible for performing data driven testing using multiple sets of data.
* Tested the application under **Scrum (Agile)** Methodology.
* Coordinated with upper management daily regarding status on the execution of Test Cases **(How many Tests failed/pass, status of the site).**
* **Environment:** Java,, Selenium WebDriver, TestNG, Maven, Jenkins, Cucumber, GIT, Eclipse, XML, XPath, JIRA, SQL, Agile and Windows.

**Client: Pacific Specialty Insurance, Anaheim, CA March 2021 – April 2022**

**Role: Automation Engineer (QA)**

**Responsibilities:**

* Involved in the development of Test plan, Scenarios and Test scripts for manual, automation, and performance testing of the various applications.
* Developed automated scripts for Automated Regression Testing using **Selenium WebDriver.**
* Developed features and test scripts using **BDD (Behavior driven development)** in **Cucumber.** Implemented **Page Object Model** Design Pattern into **Cucumber** framework.
* **Implemented and maintained Cucumber BDD frameworks to support end-to-end testing for web applications, improving test coverage and reducing manual testing efforts by 40%.**
* Monitored the test execution in **Jenkins** once the code pushed into **CI.**
* Created and implemented Test Plan and Test Strategy Document outlining the scope, objectives, timeline and focus of software testing effort for functional, regression, user acceptance and stress testing.
* Worked on Selenium GUI Object / element verification is done through **XPath, CSS** Locators.
* Performed **REST API** Testing using Http java Test Client for **SOAP/REST web APIs.**
* Used **SOAPUI** for checking the correct transmission of data and to test web services.
* Scheduled testing job and set up the flag to run automation scripts on **Jenkins** as a part of the Continuous Integration process every time there is a bug fix, new feature development, or innovative functionality in code repository **(Git).**
* Performed Web Services Testing and XML validation by creating test case suite using **SOAP UI.**
* Executed Defect Tracking and Management by **JIRA.**
* Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive **SQL queries.**
* Involved in various testing types like UI Testing, Functional testing, User acceptance testing, Integration testing, Navigation testing and Regression testing on the application.
* Used **Maven**and performed different operations on **POM.xml** file to get the dependencies and run test scripts.
* Used **GIT** for code repositories and Maven for the dependencies.
* Involved in testing the application utilizing the **Scrum (Agile)** methodology. 
* Developed and executed comprehensive test plans and test cases for C++ applications, ensuring adherence to quality standards and project requirements.
* Participated in code reviews and provided constructive feedback, contributing to overall code quality and best practices in C++ development.
* Collaborated with cross-functional teams, including developers and product managers, to identify testing requirements and improve product functionality.
* Actively participated in Stand-up meeting, walkthrough meeting, weekly assessment meetings and daily bug triage meetings and interacted with developers and business analysts to ensure high quality of the application under test.
* **Environment:** Java, Selenium WebDriver, JIRA, Jenkins, Soap UI, Postman, Maven, XPATH, SQL, JSON, SOAPUI, Cucumber, GIT, Windows.

**Client: Pier 1 Imports, Fort Worth, TX Jan 2019 – Feb 2021**

**Role: QA Engineer**

**Responsibilities:**

* Analyze the Business Requirements and closely work with the Business Team to get the clarifications addressed.
* Effectively implemented different **QA methodologies**, **strategies,** and **plans**.
* Involved in preparation of **Test Procedures**, **Test Scenarios**, and **Test Cases**.
* Run Defect Triaging and Review the Test Scenarios/ Test Cases with Business team.
* Designed, executed, and maintained **Selenium Web Driver** (**TestNG)** automated test cases for regression test cases
* Developed Automation framework using **TestNG** and built test suite.
* Selected the Test Cases to be automated and performed **functional testing** of the front-end using **Selenium WebDriver & created Data Driven framework using TestNG.**
* Executed parallel browser testing on various machines using **Selenium Grid** and performed **cross browser testing**.
* Execute the Test cases and review the results to get the Business approval for **UAT.**
* Co-ordination between Technology and Business to ensure all the outstanding issues are being addressed, fixed, and retested.
* Planning for Test Execution activities to accomplish tasks on daily/weekly basis
* Involved in the **regression test** plan for the project and identified the critical regression tests
* Used **Jenkins** as a Continuous Integration server to configure with **GitHub and Maven**.
* Used **GIT** to maintain and manage the build scripts, test data used, and other documents related to the project.
* Executed the automated **regression test cases** during every release and executed the daily regression test suites
* Used **JIRA** for Identifying, logging, tracking and escalating bugs.
* Actively participated in daily scrum and sprint meetings as part of **Agile** Environment.
* **Environment:** Java,Test Complete(Smart Bear), Selenium WebDriver, JIRA, Jenkins, TestNG, Maven, TestNG, SOAP, SQL Server, JIRA, GIT, Windows.

**Client: Associated Bank, Green Bay, WI Nov 2017 – Dec 2018**

**Role: QA Tester**

* **Responsibilities:**
* Reviewed System Requirement Specification, Technical Specification, and functional design documents to achieve better understanding of the project.
* Performed manual testing to check the functionality.
* Conducted **Black-Box Testing, Functionality, GUI and Regression Testing** for the entire application, for various builds in a team environment.
* Worked with **Retesting and Regression testing**.
* Worked in Quality Center for planning, running, and tracking defects while attending walkthroughs with client and the development team and Defect reporting meetings periodically.
* Performed **Back-End testing** by using SQL queries.
* **Environment:** Quality Center, Windows, MS Office, HTML, XML, SQL.

**Company: V Sigma labs Aug 2015 – June 2016**

**Role: QA Tester**

**Responsibilities:**

* Involved in analyzing business specification documents, developing Test plans, defining Test
* cases, developing, and automating Test scripts.
* Wrote Test scenarios, Test cases, Test plans and Test scripts, corresponding to the test
* requirements.
* Involved in Agile Methodology Sprint with daily status meetings.
* Performed Manual Testing, Functional Testing, User Acceptance Testing (UAT), Integration
* Testing, System Testing, Negative and Positive Testing.
* Executed functional test scripts and logged defects in Quality Center/ALM.
* Reported and managed software defects using Quality Center/ALM and interacted with the
* developers to resolve technical issues.
* Performed backend testing by using SQL queries to verify and validate data.
* Configured and installed test environment for RX server on Linux machines.
* Involved in Automation of web application through Selenium.
* Involved in test automation by using open-source tools such as Selenium, TestNG.
* Identified the test cases to be automated and wrote Automation test scripts using Selenium,
* Core-java, JavaScript and TestNG.
* Executed test cases in multiple browsers and platforms using Selenium.
* Involved with User Acceptance Testing.
* Communicated with developers and team leaders on defect status
* Involved in reviewing of defects in daily meetings.
* **Environment:** Selenium, TestNG, ANT, Quality Center/ALM, JUnit, JIRA, C, C++, CSS, Java, Java Script, MS SQL Server, Web Services, MS Excel, MS Word, MS Outlook, MS Visio, PowerPoint, Windows, UNIX.

**Company: GE Bangalore July 2011 – Aug 2013**

**Role: QA Tester**

**Responsibilities:**

* Worked as a **Manual Tester** with developer and support teams to test web-based applications for the client.
* Perform functional testing such as Smoke Testing, User Interface testing, Integration testing, Regression testing and Performance testing.
* Performed **GUI** Testing, Functional, Testing manually
* Worked with **SQL** to do the backend testing, reading logs and server commands
* Design/review test scenarios, test data and test cases for different financial user groups based on system requirements, solution diagrams, help files, and screen mockups.
* Wrote test cases using **Quality center** and logged defects
* Involved in testing all backend processes using **SQL**
* Designed and developed test plans, test scripts, for manual testing of all the modules.
* Performed GUI testing using Win Runner automation tool.
* Performed database integrity testing by executing **SQL** statements.
* Performed end-to-end testing on the released version of the software application and detected lot of **GUI** bugs.
* Talked to the end users to create the process requirements and to proper explain to the design and development team the flow of future data modules.
* Created, executed **Manual** Test Cases and scenarios
* Planned and managed testing strategies through all phases of the software development, test and revision cycles.
* **Environment:** Manual Testing, UAT, Quality Center, SQL**.**