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Professional Overview:

- Senior Quality Assurance Analyst, 8 years of Industry experience in Software Testing with Selenium Automation in JAVA web projects, Manual Testing with Client facing ability as well. Expertise in **Selenium WebDriver**.
- Strong knowledge of **Java** (JUnit, Swing), **J2EE**.
- Strong knowledge of **HTML**, **XML**, **JavaScript**, **CSS**.
- Experience in different phases of Software Testing and Software Development Life Cycle (SDLC) including **Agile** Methodology/SCRUM.
- Strong knowledge on **Waterfall** Methodology
- Good experience on Software Testing Life Cycle (STLC), Bug life cycle, Test Design execution.
- Expertise in creating Test Strategy, Test Plan, Test Reports, Test Cases and Test Scripts for Manual testing based on the functional specification for the **Functional, System, Integration, Incremental, Regression, compatibility, Black Box and White Box testing, end-to-end testing, GUI, UAT, Database, Smoke/Sanity, Usability testing**.
- Expertise in writing Selenium Web driver automation scripts in Java for Cross browser testing.
- Experience in working with open-source tools such as **Selenium** (Selenium IDE, Selenium RC, Selenium Web Driver and Selenium Grid).
- Automated regression test cases using Jenkins build jobs, Selenium IDE, WebDriver, TestNG.
- Solid knowledge in **Java** and **OOPS** concepts (**Inheritance, Encapsulation and Polymorphism**), Object, Method, **Interface**, Abstract Class, Keywords and Variables required for **Selenium frameworks**.
- Expertise in Java and **OOPS** concepts required for Selenium frameworks.
- Experience in **configuring** and maintaining Defect Tracking system and preparing project reports for end-to-end testing using tools like **QC/ALM** and **JIRA**.
- Excellent experience of HP automation tool QTP.
- Expertise in testing using **SOAPUI** and **Postman**.
- Extensively used SoapUI to validate Soap/WSDL and Web services.
- Automated regression test cases using Jenkins build jobs, Selenium IDE, WebDriver, TestNG, Serenity BDD.
- Expertise in **Maven** for managing project's build, reporting and documentation.
- Expertise in **Gradle** for project's build.
- Proficient in writing test cases, check lists, test scenarios, test plans and other test documentation.
- Experience in understanding Process Design Documentation and Functional design Specifications.
- Used **SQL** Queries for data validation/verification Back-End testing in **Oracle, SQL server** databases.
- Experience in writing DB scripts for **SQL** and **Oracle**
- Have good domain knowledge of **Banking, Pharma, and Insurance**.
- Good knowledge of performing **Regression Testing, Integration Testing, Functional Testing (Manual and Automation), Performance Testing (Load and Stress)**.
- Maintained **Test matrix** and **Traceability matrix**.
- Experienced in designing the Frameworks as **Maven** project.
- User stories are tracked using **HP ALM/Quality Center (QC)** to track the defects.
- Developed and executed test cases manually and generated automation scripts
- Strong Interpersonal Skills, Analytical skills, Self-motivation, Co-ordination Skills and effective communication skills orally & written.
- Ability to handle multiple tasks and work independently.
- Experience working with 3rd party vendors, working with offshore teams and coordinating projects end to end.

Technical Skills

Testing Tools	Selenium WebDriver, Cypress, Playwright
Programming Languages	Java, Python, JavaScript, TypeScript
Testing Methodologies	Agile, Scrum, Behavioral Driven Development (BDD)
Databases	ORACLE, MYSQL, MS-ACCESS
Bug Tracking Tools	Bugzilla, Jira
Operating Systems	Windows, Linux, MAC
Development Tools / IDE	Eclipse, IntelliJ
Web Technologies	HTML, CSS, JavaScript
CI/CD/Version Control	Jenkins, GIT, GitLab
Automation Tools	Selenium WebDriver, Quick Test Pro, Cucumber (BDD), Serenity BDD, JUnit, TestNG, REST API.

WORK EXPERIENCE

Client: Southwest Airlines –Dallas, TX

December 2022 to Present

Role: SDET

Responsibilities:

- Report on testing progress to the Project Manager and other designated project personnel.
- Worked on Serenity BDD Framework using IntelliJ, Java in Windows platform to cut down regression testing time and reuse code.
- Created and maintained Test Plans, Test Cases and Test Scenarios.
- Trained other developers regarding usage of Serenity BDD framework.
- Authored Test cases in IntelliJ and Jira story level and implemented automation steps.
- Executed manual scripts and participated in UAT activities.
- Created test scripts in Selenium and enhanced those scripts using Java API and Test NG.
- Extensively used data-driven, XPath locator and Web Driver to test the web applications.
- Reviewed test results, issues and defects related to business units.
- Manage defect process, analysis, assignment, and report and verify all Defects.
- Performed cross Browser compatibility testing on different Operating Systems using Selenium WebDriver.
- Test case creation, review, and execution Used JIRA for Defect tracking.
- Worked closely with developers to verify functionality of the application.
- Attended daily project scrum meetings, daily status and weekly team status and product test case review meetings.
- Perform Test automation using Java, Gradle, Selenium, IntelliJ, Serenity Cucumber BDD test automation framework. Delivered Serenity reports for test results to management.
- Expertise in testing REST WEB Services using REST Assured and Postman.
- Coordinated with technical support associates to fix proprietary software issues.
- Tracking and testing connections of customers using various protocols.
- Defects were tracked and prioritized using JIRA and analyzed the variation between expected result and actual result.
- Participated in various meetings and discussed Enhancement and Modification Request issues.

Environment: Java, Selenium WebDriver, IntelliJ, Serenity BDD, Cucumber, TestNG, Jenkins, Agile Methodology, Jira, REST Services, POSTMAN, XPath, Gradle, GIT LAB SP, Java Script, SQL Server, IE, Firefox, Chrome, Windows.

Client: Pharmacy Plus Network –Mendham, NJ

March 2019 to December 2022

Role: Senior Selenium Automation Tester

Responsibilities:

- Report on testing progress to the Project Manager and other designated project personnel.
- Worked on Hybrid Automation Framework using Web Driver, Eclipse, TestNG and Java in Windows platform to cut down regression testing time.
- Modify Updating of Automation scripts and execution of multiple browsers.
- Scripting the test cases for regression using Selenium WebDriver using Java
- Created test scripts in Selenium and enhanced those scripts using Java API and Test NG.
- Interact with end users to obtain specific system requirements and develop Test Plans, Test Cases and Test Scenarios.
- Trained other developers regarding usage of Selenium framework.
- Designed & Implemented a Hybrid Test Automation Framework (Data + Keyword) using Selenium WebDriver
- Used Selenium Grid to execute parallel tests on multiple browsers - IE, Chrome, Firefox
- Executed manual scripts and participated in UAT activities.
- Extensively used Selenium (data-driven, XPath locator) and Web Driver to test the web applications
- Reviewed test results, issues and defects related to business units
- Manage defect process, analysis, and assignment and report and verify all bugs
- Performed cross Browser compatibility testing on different Operating Systems using Selenium WebDriver.
- Test case creation, review and execution Used JIRA for bug tracking.
- Used Bugzilla for defect tracking purpose.
- Worked closely with developers to verify functionality of the application.
- Attended daily project scrum meetings and weekly team status meetings.
- Integrated Testing with Selenium using Eclipse to generate test execution result. Had regular meetings with Developers to report various problems. Did white box testing and GUI testing.
- Automated regression test cases using Java Responsible in executing Selenium test scripts on different browsers and checked for compatibility. Developed Selenium WebDriver test cases using Java, TestNG framework.
- Developed automation framework for Selenium WebDriver in Page Object Model Framework.
- Represented QA function in Agile Sprints
- Validated the database by executing SQL queries.
- Coordinated with technical support associates to fix proprietary software issues.
- Tracking and testing connections of customers using various protocols.
- Defects were tracked and prioritized using Quality Center and analyzed the variation between expected result and actual result.
- Participated in various meetings and discussed Enhancement and Modification Request issues.

Environment: Java, Selenium WebDriver, Eclipse, Cucumber, TestNG, Bugzilla Jenkins, Agile Methodology, Quality Center, SOAP UI, XPath, Maven, SP, Java Script, SQL Server, IE, Firefox, Chrome, Windows.

Client: Chubb – Bridge water, NJ

October 2017 to March 2019

Role: Senior QA Automation Engineer

Responsibilities:

- Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.
- Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
- Configured python Web Driver, **TestNG, Maven tool** and created selenium automation scripts in Java using TestNG framework and page object model (POM).
- Involved in Mobile testing includes app testing, test automation for web application. Testing Mobile native applications by using **Appium, Java**.

- Cucumber was used for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
- Wrote acceptance test using BDD **Cucumber**, Java.
- Test scenarios outlines and created feature files by using **Cucumber**.
- Involved in Designing & developing data driven framework using **Selenium Web Driver**, Testing and implemented Java Mail to send the **regression** result automatically.
- Configured **selenium grid** in order to execute the parallel script.
- Involved in creating automation test suites for progression & regression testing in **Soap UI**. The messaging formats included REST based clients with **XML payload**.
- Loaded test data from a SQL server in to the web application.
- Used **Firebug** to do web-based testing with selenium for the commands and locator application.
- Status reporting and test updating in **Quality Center/ALM**.
- Used **Maven** to manage Project's build and dependencies and **Jenkins** for deployments to environments.
- Extensively worked with Version Control Systems GIT
- Developed **BDD** and **TDD** script with **Cucumber** and written step definition for Gherkin based features.
- Performed **Data Analysis** and developed **Data Mapping** documents for Reporting projects by using several data analysis software.
- Performed functional testing with **Selenium**, defined various checkpoints to verify results and performed tests using test driven data.
- Used **IOS emulator** and simulator in testing the mobile.
- Designed and implemented re-usable Automation test scripts using industry standard tools like **QTP**.
- Worked on **Selenium GUI Object / element verification** is done through **XPath, CSS Locators**.
- Developed an extensive test suite and performed tests in local environments using **Coded UI**.
- Created and executed database queries (**SQL**) to validate database data integrity.
- Involved in writing load scripts by using **Apache JMeter**.
- Used **Appium tool** to tested automation test scripts on both **IOS** and **Android platforms** for native and mobile websites on mobile devices.

Environments: Appium, Selenium WebDriver, TestNG Framework, Java, Eclipse, XPath, Cucumber, Web Services, JavaScript, Firebug, Windows, Android, IOS, Jenkins, JMeter, SOAPUI, page-oriented model (POM), SQL.

Investor Bank, Flanders, NJ.

June 2016 to October 2017

Quality Assurance Analyst

Responsibilities:

- Preparation and execution of Automation Test Scripts and Test Suites with Selenium Web Driver using TestNG.
- Created Selenium Test cases for automation using Selenium RC and Java
- Involved in the preparation of Test Plans, Test cases
- Involved in Refactoring of existing scripts.
- Involved in Manual Testing, Setup maintenance and Bug reporting/closure activities.
- Involved in Regression Testing.
- Involved in Reviews of test cases and automation test scripts.
- Involved in Performed Browser Compatibility Testing of Web Application on different browsers Internet explorer, Firefox, Google Chrome and Safari.
- Used Selenium IDE and Selenium Webdriver for generating test scripts and to Automate Functional and Regression Testing using Selenium.
- Utilized Firebug and Firefox Add-ons (XPath Checker) to enhance efficiency of Selenium IDE testing.
- Prepared test data and test results (input / output files) for data driven method.
- Reported defects using Quality Centre to the development team and followed up for the defects.
- Participated in the team walkthrough, Inspection and Technical Review meetings to discuss the issues arising out of testing.

- Involved in user acceptance testing (UAT), maintaining quality procedures, and ensuring that appropriate documentation is in place. Communicated with design, development and test team
- Environment:** Java, TestNG, Java Script, Selenium WebDriver/IDE, SQL, UNIX, ANT, Jira

Client: Valley pharma - Succasunna, NJ.

January 2015 to June 2016

Role: QA Analyst

Responsibilities:

- Involvement in all the stages of Software Development Life Cycle (SDLC) like Requirements Specifications, Review, Test documentation, Application testing and Defect reporting.
- Participated in Requirement Specification Meetings (RSD) to understand the application's functional, requirements to initialize the test scenarios, test flows and test procedures.
- Prepared Test cases for positive and negative test scenarios as referred in the user stories keeping in mind the Boundary Value Limitations, Equivalence classes.
- Scripted Tests and automated using Selenium IDE / Selenium WebDriver at OS level for User Interface (UI).
- Used **Hybrid/Data Driven Framework** and extracted the data from external Excel files using Apache POI.
- Configured the Test Cases to receive input Test Data Sets for the corresponding test cases using TestNG Data Provider Annotation.
- Performed Cross Browser Testing on different types of browsers to run all the tests at the same using TestNG.
- Developed and maintained **Functional Libraries**, Object repositories and Descriptive programming techniques in automation testing using **QTP**.
- Mobile app testing using Appium desired capabilities using page factory model and launched Appium integrating with See Test.
- Used **SOAPUI** tool to test web services for **DPS** (Vista Print), **CC** budgets, Payment History web services, , Account Creation web services etc.
- Used JIRA to track bugs and maintained the flow of iterations.
- Performed Regression testing using Selenium WebDriver, TestNG and Jenkins Continuous Integration.
- Executed Batch files using Selenium Grid.
- Performed black box testing, database testing and web-based testing on each transaction using Selenium.
- Tested IVR (Interactive Voice Response); Worked with Development team for several months to implement IVR integration software into the test environment.
- Set up voice prompt applicable for the company; Platform and call flow testing
- Involved in testing queuing, call transfer, skill-based routing, conference and other CTI features.
- Scripted SQL queries to verify data integrity, data validation and data design.

Environment: Selenium IDE, Selenium Web Driver, TestNG, Java, Eclipse, CCW, Hybrid/Data Driven Framework, Oracle, SQL, JIRA, Maven, Jenkins, SOAPUI

EDUCATION

Post Graduate Diploma in Computer science (PGDCA)

Bachelor of Science (B.Sc Graduate), B.Ed