

Software Test Automation Engineer

## **Rania Allan**

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Location: McLean, Virginia

Work Status: U.S. Citizen

### **Professional Summary**

- 8 years of experience in Information Technology with specializing in Software Quality Assurance testing, client-server and web-based applications, and experience in Core Java as well as OOPS concepts.
- Experience and domain knowledge in Banking, Retail, E-Commerce, Insurance, Financial-Mortgage domains, and their workflow.
- Broad work experience in all phases of Software Development Life Cycle (SDLC) and its mythologies such as Agile-Scrum and Waterfall Model.
- Broad experience in reviewing and analyzing business requirements and creating test plans, test cases, test scripts, test Estimation, and Requirement Traceability Matrix (RTM).
- Proficient in using test automation tools such as Selenium WebDriver, IDE, Grid to develop automation testing scripts for web and client-server applications.
- Experienced in working on Selenium WebDriver automation scripts in Java for Page Object Model Cross-Browser Testing. Used testing annotations to group test methods and for cross-browser. Also, developing Data Driven and Hybrid automation frameworks in Selenium.
- Thorough knowledge on JUnit, TestNG framework for Unit Testing, and Maven for project building.
- Developed Test Scripts to implement Test Cases, Test Scenarios, and Features for Behavior Driven Development by using Cucumber.
- Professional competence in Smoke Testing, Back-End Testing, Black-Box Testing, User Acceptance Testing, Functional Testing, Positive-Negative Testing, System Testing, Regression Testing, GUI Software Testing, Cross-Browser/Cross-Platform Testing, User Interface Validation.

### **Technical Skills**

- Testing Tools - Selenium IDE/WebDriver, SOAP UI tool
- Languages - Java, XML, SQL
- Web Technologies - HTML, XML, CSS
- IDE - Eclipse, SQL Developer
- Test Framework - JUnit, TestNG, Data Driven Framework, Cucumber
- Web Debugging Tool - XPath, Fire Path, Firebug
- Build Tool - Maven
- Processes - Agile-Scrum, Waterfall

- Bug Tracking Tools - Jira
- Data Bases - MS Access, Oracle, MySQL
- Operating Systems - Windows (XP, VISTA, 7, 8)

## Education

Birzeit University

- Bachelor Degree in Computer Science
- National Personal Training Institute
- Personal Fitness Trainer

## Professional Experience

**Test Automation Engineer** *June 2018 - Present*

**Old Dominion National Bank | Tysons Corner, VA**

- Experience in Core Java and OOPS concepts.
- Involved in building automation framework from scratch, and developed automation framework implementing Page Object Model Selenium WebDriver, Java, and Cucumber (BDD).
- Performed Behavior Driven Development using Cucumber Features, Scenarios, and Step Definitions in Gherkin format.
- Used Maven for build management, and Jenkins for Continuous Integration of the builds.
- Performed User Acceptance Testing exclusively in an Agile Environment. Assessed and analyzed user stories, and developed Test Scenarios, Test Cases, Test Data, Test Procedures, and Test Reports. Attended and participated in sprint planning, review sessions, Scrum meetings.
- Used Selenium WebDriver to run test cases in multiple browsers and cross platforms.
- Performed UI, Functional and Regression Testing by automated using Selenium WebDriver, Cucumber Maven, and Jenkins.
- Integrated Automation Scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly consignment run of the Script.
- Utilized Jira as a defect tracking tool on the project.
- Examined the Business Requirements Document (BRD), designed Test cases and Test scripts for the application under test.
- Designed the Test Scripts and analyzed the results in various levels of the application including Integration, Regression, Functional, and Acceptance Testing using Selenium. Also, implementing Regression and Smoke Test execution as a discrete step of the deployment process by using Selenium WebDriver.
- Involved in preparing reports of all automation difficulties and test results for further application using Maven.
- Delivered Back-End Testing for data validation using SQL in Oracle and executed SQL queries on database tables to verify the database.
- Participated in stand-up meetings, walk-through meetings, weekly automation meetings with all Quality Analyst's, and weekly assessment meetings with Business Analysts and Developers.

## Environment

- Selenium WebDriver, Jenkins, Maven Apache-POI, Cucumber (BDD), Gherkin, Oracle DB, Eclipse, Firebug, Fire Path, XML, HTML, SQL, XPath, Windows 7, Oracle SQL Developer, MS Office Suite, SDLC, STLC, XML, JSON, and HTML, Windows XP, 7, 10.
- Browsers - Chrome, Firefox, Internet Explorer, and Core Java.

## QA Automation Engineer *Feb 2015 - May 2018*

### BB&T Bank| Charlotte, NC

- Developed Test Cases, Use Cases, and Automation Test Scripts. Other activities included test execution report and generation in accordance with Quality Assurance best practices.
- Extensive use of descriptive programming to create effective and efficient reusable functions and maintaining them in a neat function library to be used by the team.
- Experience with Postman tool for Manual Testing and API Rest Request.
- Experience on Core Java and OOPS concepts.
- Reviewed the test basis, designed, and documented Test Strategies, Test Plan, Test Cases, and executed test cases.
- Responsible for writing and maintain Selenium WebDriver scripts for Regression and Functional Testing using data driven framework.
- Developed test code in Java language using Selenium WebDriver and TestNG framework.
- Setup the automation framework using Selenium WebDriver to run test cases in multiple browsers and platforms.
- Involved in designing of automation framework to be used in UI Testing with Selenium WebDriver.
- Involved in design and implementation of Selenium WebDriver automation framework for Smoke and Regression test suites for TestNG and Maven.
- Utilize CSS selectors, IDs, and XPath to locate elements on Web pages.
- Involved in testing the application utilizing the Scrum-Agile Methodology.
- Execute browser compatibility and regression tests using Selenium WebDriver for testing UI for every new build release.
- Set-up Jenkins for scheduled automation test run and that will trigger Smoke Test script by receiving email.
- Developed and executed SQL queries to verify the proper insertion, deletion, and updates into the Oracle supporting tables and cubes.
- Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with SQL queries from Oracle database.
- Performed End-to-End Testing of database to check data integrity using SQL queries.
- Assisted QA lead in documenting User Acceptance test report and reporting defect resolution.
- Experienced in Cross Browser Testing by executing the test cases in Firefox, Chrome, and Internet Explorer.
- Participated in Agile Scrum methodology and attended Daily Scrum Sprint Grooming, Sprint Planning, and Sprint Review meetings.

## Environment

- Selenium WebDriver, Java, TestNG, Jenkins, SQL, Maven, HTML, XPath, GitHub, Windows 7, Oracle SQL Developer, MS Office Suite, Jira, SQL, SDLC, STLC, Agile-Scrum, XML, Rest, SOAPUI, JSON, and HTML. Windows XP, 7, 10.
- Browsers - Chrome, Firefox, Internet Explorer, and Core Java.

## Manual QA Test Engineer *June 2013 - January 2015*

### State Farm | Chevy Chase, MD

- Analyzed business requirements, documented business requirements specifications, wrote Test Plans, Test Cases.
- Worked with development team to understand technical design and architecture for test planning.
- Performed Cross Browser Testing on Internet Explorer, Firefox, and Chrome for browser compatibility.
- Coordinated User Acceptance Test (UAT) processes and documents, and communicated all issues during the UAT process.
- Created and modified written test procedures, test cases, test data, and other test related materials using approved software tools.
- Worked with development teams to investigate and correct bugs and deficiencies based on testing results and involved in defect tracking and resolving production logs.
- Performed all phases of End-to-End Testing which includes Functionality Testing,
- Identified and reported bugs using defect tracking tool HP Quality Center and presented bug reports for weekly status updates.
- Performed Data Accuracy, Data Validation, and Data Integrity Testing by querying the database using SQL queries to check the data table on server.
- Connected to database to Query database using SQL for data verification and validation.
- Performed Back-End Testing on Oracle database by writing SQL queries.
- Interacted closely with Business Analyst and Developers to discuss the defects and their fixes as well as in tracking, reviewing, and analyzing bugs.
- Worked extensively with business users to define scope and prepared 'Documents of Understanding' for various change requests by analyzing the feedback from user groups.
- Actively attended and participated in daily Scrum meetings and bi-weekly Sprint releases.

## Environment

- XML, Oracle, MS Office, SQL, Oracle SQL Developer, MS Excel, Windows XP, 7, Agile-Scrum, Windows XP, 7, 10.
- Browsers - Chrome, Firefox, and Internet Explorer.