**AHMED SDIRI** (Sr. SDET)

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(US Citizen)

**Professional Summary:**

* A highly competent and results oriented Sr. Test Automation Engineer with 6 years of experience in **Software Testing, Selenium Automation, API, and Development.**
* Experience in performing manual and automation testing of **Web** and **Client-Server** software applications.
* Proficient on Automation tools like S**elenium WebDriver with Java, Junit, Maven, Cucumber, Jenkins** for testing **Client Server** and **Web based Applications.**
* Substantial knowledge in developing **BDD** scripts including **Cucumber** and writing step definitions for behavior using **Gherkin language**.
* Significant experience in **API Webservices Testing** using **Postman** and **Rest Assured Library** for **RESTful** **API** service using GET, POST, PUT, DELETE methods.
* Experienced in **Core Java** development by implementing **OOP** concepts.
* Proficient in using **Behavior Driven Development** (BDD), **Data-Driven Framework**, **Development of Automation Scripts, Execution and Analysis** of the test results.
* Executed back-end testing using **SQL queries** to view transactions of data and ensure the success of validating data.
* Experience in **Smoke** and **Regression** tests**, End-to-End, UI, API, Database** testing.
* Proficient in using **Git Version Control System** and repositories like **GitHub**.
* Proficient in creating **Maven** project to centralize all dependencies in pom.xml file as well as to get an organized folder structure for framework building.
* Performed Basic **Appium** **Mobile** testing
* Generated different types of reports such as **Extent-Reports**, **HTML reports, Cucumber JSON reports**
* Hands-on experience in **Agile** and **Waterfall** methodologies.
* Experienced with all stages of **Software Development Life Cycle** and **Software Testing Life Cycle.**
* Attended Agile-SCRUM life-cycle ceremonies: **Daily Standup, Sprint Planning, Sprint Grooming, Sprint Demo, and Sprint Retrospective**.
* Excellent written and verbal **communication skills**, strong in problem-solving, decision-making.
* Active learner, with a capacity to grasp new ideas, processes, technologies, and concepts quickly.

**Experience:**

**COTTONWOOD FINANCIAL, IRVING, TX**

*Sr. Automation Engineer | April 2019 – Present*

* Automated **API** testing using REST API tests utilizing **Java Rest-Assured library**, **JUNIT4/5** for triggering **API** calls and **End-to-End** testing.
* Executed manual **API** tests using **Postman** and single test or **Collection** and using **NEWMAN**
* Experience in validating **JSON** **response** using **Response** classes, **POJO** and **XML**.
* Automated **UI** testing with **Selenium WebDriver**, **Java**, **JUnit**, and **Cucumber BDD framework**.
* Wrote test scenarios in **Cucumber BDD Feature** file using **Gherkin** language to make it business readable and implemented these scenarios in **Step Definition** class using **Java** language.
* Performed **Smoke**, **Regression**, **End-to-end**, **Sanity**, and **Ad-Hoc** testing.
* Performed **Cross-Browse**r testing using **Selenium-Grid**
* Conducted **End-to-End** verification for the entire application.
* Implemented **Page Object Model** pattern using **Page Factory**.
* Used **Apache POI** to read data from Excel sheets and testing the test scenarios.
* Performed query operations with **SQL and JDBC** to conduct **database validation**. Developed and executed **SQL queries** to verify the proper insertion.
* Used **Jenkins for CI/CD** to run automated test suites.
* Maintained Framework’s Integrity
* Documented any problems and worked with the project team to resolve problems identified during the tests.
* Analyzed, reported, and tracked defects using **Jira**.
* In **Selenium automation**, worked closely with development team (**Agile**) to create Selenium **WebDriver** automation scripts and **Framework**.
* Involved in requirements mapping and preparing a Requirements Traceability Matrix (RTM).
* Actively participated in **Agile** ceremonies such as **Grooming**, **Sprint** **Planning**, **Daily Standup**, **Sprint Demo**, and **Sprint Retrospective** meetings.
* Logged and managed defects using JIRA defect management tool.

**ALLSTATE, IRVING, TX**

*Automation Engineer | July 2017 –March 2019*

* Developed Automation Scripts with **Selenium WebDriver** for **Smoke** and **Regression Tests Suits.**
* Implemented **Page Object Model** design pattern using **Page Factory** in **Selenium WebDriver.**
* Designed, developed and implemented **Page Object Model (POM)** based on Automation-Testing Framework utilizing **Java**, **Selenium WebDriver**, **TestNG, Cucumber (Gherkin), Maven.**
* Wrote test scenarios in **Cucumber** **BDD** **Feature** file using **Gherkin** language to make it business readable and implemented these scenarios in **Step Definition** class using **Java** language.
* Involved in testing **REST API web services** using **Postman** and **REST Assured Library.**
* Performed Backend Testing with the help of **JDBC.**
* Constructed **test cases**, **test scripts** and modified them to accommodate new changes to the applications.
* Performed **Backend** testing using **SQL** queries to ensure that data entered has been uploaded correctly into the **SQL** database.
* Maintained automation builds on **Jenkins - Continuous Integration (CI)** tool.
* Used **GIT** for version control and **GitHub**.
* Tested the application for browser compatibility using Internet Explorer, Google Chrome, and Firefox.
* Used **JIRA Xray** for working on user stories and **defect** (bug) tracking.
* Participated in inspection and walkthrough sessions of the project requirements.
* Actively participated in **Grooming,** **Sprint Planning, Daily** **Standup, Sprint Demo,** and **Sprint Retrospective** meetings.

**PEARSON, SAN ANTONIO, TX**

*QA Engineer | February 2015 –June 2017*

* Worked closely with business analysts and developers on requirements review and developing test cases, scenarios.
* Writingand analyzing **Test Cases** and **Scenarios** based on **User Stories**.
* **Manual** Test Execution,managed defects and defect life cycle using **JIRA** and generated defect reports for management
* Designed, developed and implemented **Page Object Model (POM)** based on Automation-Testing Framework utilizing **Java**, **Selenium WebDriver**, **Junit, Cucumber (Gherkin), Maven.**
* Carried out **manual** tests to ensure the software created meets the requirements.
* Performed System **Testing,** Black Box **Testing,** Cross **Browser** Testing, Exploratory Testing, Negative Testing, Positive Testing, **Ad-Hoc** Testing.
* Performed **User Acceptance Testing** in the final phase of software development process to check the functionality of the software.
* Tested **Web Application UI** for browser compatibility for Chrome, Firefox, and Internet Explorer.
* Since the **Agile** environment, participated in **Scrum Ceremonies** to discuss enhancement and modification request issues and defects in the application.

**Technical Skills**

* Methodologies: Agile (Scrum) and Waterfall
* Languages & Web tools: Java, SQL, HTML, XML, Gherkin, JDBC
* Testing Frameworks: Data Driven, BDD, POM, Appium
* Testing Tools: Selenium WebDriver, Grid, Maven, Cucumber, Serenity, TestNG, JUnit
* API: Postman, Serenity, Rest Assured
* Database: Oracle, MySQL, PostgreSQL
* Version Control: Git/GitHub
* Bug Tracking Tool: Jira, Zephyr
* Build Automation Tool Maven
* CI/CD: Jenkins
* IDE: IntelliJ, Eclipse
* OS: Windows, Ubuntu

**Languages:**

*Fluent in* English, French and Arabic

**Education:**

**University of Gabes Gabes, TUNISIA**

Bachelor’s degree in Computer Science September 2009 – June 2013

*References will be provided upon request*