**Muhittin Ercik**

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**QA Automation Engineer**

# SUMMARY

* Highly motivated and result oriented **QA Engineer with 4+** years of experience in the Software Testing business.
* Experienced in **Waterfall** and **Agile Scrum** Methodologies.
* Proficient in various types of **Functional testing** such as **Smoke, Integration, End to End, and Regression testing**.
* Experienced in formulating test scenarios, test cases, and bug/defect reports by utilizing **Jira** and **Xray** add-on.
* Excellent experience in each phase of Software Development Life Cycle **(SDLC),** Software Testing Life Cycle **(STLC)** and Defect Life Cycle **(DLC).**
* Experienced in Selenium automation using **Selenium WebDriver, Java, Maven** and **Cucumber** with **BDD** framework.
* Extensively used locators such as **XPath** and **CSS** to test web applications.
* Proficient knowledge of **Java** with clear understanding of Object-Oriented Programming **(OOP)** concepts.
* Involved in building testing frameworks such as **BDD** – Behavior Driven, **TDD** – Test Driven, **Hybrid Frameworks** and Page Object Model **(POM).**
* Experienced in testing web applications with **Selenium WebDriver, TestNG** and **Junit** using **Java.**
* Experience in **API** testing with **RESTFUL** web service testing using **Rest Assured** framework. Validated **JSON** formatted data using **POSTMAN.**
* Worked on **Swagger API** and auto-generated documentation for all **REST** calls.
* Experienced in creating complex **SQL Queries** and performing Database testing in different **RDBMS** such as **Oracle SQL**

and SQL server.

* Executed parallel browser testing on various machines using **Selenium Grid** and performed cross browser testing.
* Integrated **Jenkins CI/CD** with version controller **GIT** schedule builds to run automatically during a build release by invoking predefined **Maven** commands.

# TECHNICAL SKILLS

**Languages:** Java, SQL, Gherkin, HTML, XML, CSS

**Testing Tools:** Selenium WebDriver, Selenium GRID, JDBC

**Testing Frameworks:** JUnit, TestNG, Page Object Model (POM), Cucumber

**Bug Tracking Tools:** Jira, Jira Xray

**Version Control:** Git, GitHub,

**Frameworks:** Behavior-Driven (Cucumber), Data-Driven, Hybrid, Page Object Model (POM)

**Databases:** Oracle, MySQL, SQL Server

**Web Services:** RESTful API, Rest Assured, Postman, Swagger

**IDE:** IntelliJ, Eclipse

**Continuous Integration:** Jenkins

**Operating Systems:** Windows, MacOS

# EXPERIENCE

**Symund | Tysons, VA 04/2019 - Present**

**SDET**

* Worked in fast-paced **Agile** environment as an **SDET** and participated in Scrum ceremonies.
* Studied requirements to create Test cases and analyzed the test outcomes to create Bug/Defect Tickets by utilizing Jira. Then tracked these tickets through the defect life cycle until the satisfactory resolutions of the bugs/defects.
* Demonstrated solid knowledge of **Java OOP, Data Structures, Collections** and Exception Handling concepts.
* Created a **TestNG-DDT** framework from scratch using **Maven** with Java and utilized **Selenium WebDriver** for Front- End testing.
* Performed Web Service testing using **REST-Assured library**, and **JDBC** for Database testing.
* Identified web elements using various locators such as ID, Name, Class Name, Tag Name, Link Text, Partial Link Text, **XPath**, and **CSS** selectors. Implemented **OOP** concepts of Java and Page Object Model **(POM**) to store these web elements and related methods in page classes, and common variables and methods in Page Base and Test Base classes to achieve code reusability, maintainability, extensibility. For the UI, performed Cross Browser Testing against Firefox, Chrome, Internet Explorer, Edge, and Safari in both regular and headless mode to check the browser compatibility.
* Utilized **Apache POI** for **Data-Driven Testing** and Extent Reports for getting **HTML** reports with test steps/screenshots.
* Configured **XML** files with **TestNG** to create XML Runners to achieve Parallel Testing, Cross Browser Testing, running test suites such as Smoke Suite, and Regression Suite against Different Environments and Operation Systems which involved using Selenium Grid, Docker, and **AWS EC2 machines.**
* Created **Jenkins** jobs for continuous execution of the Regression and Smoke Suites and configured these jobs to send HTML Reports with test steps and screenshots of failed tests as emails to the related parties.
* Used **Git** as a local repo and created personal branches in addition to the master branch. Utilized **GitHub** as a remote repo to collaborate with others, and as a source for **Jenkins** to pull the code to achieve continuous integration/testing.
* Experienced using the Requirement Traceability Matrix **(RTM)** to make sure all requirements covered properly.

# Xfleet| Tysons, VA 02/2017 – 04/2019

**QA Automation Engineer**

* Attended **Scrum** Ceremonies to discuss the sprint process/progress and joined group discussions with field experts to discuss how to design concise and comprehensive positive and negative Test Cases from the given requirements.
* Involved in writing detailed **Test Cases** in **JIRA** based on business requirements, data models, technical specifications and linked them to appropriate requirements.
* Performed Integration, End-To-End, Smoke, Regression tests to cover all the functional components of the application.
* Developed **Junit-Cucumber-BDD-DDT framework** using **Java**, **Maven**, **Selenium WebDriver**, **Rest Assured** to write and execute automation scripts for UI and API layers of the application.
* Used **Selenium WebDriver** for browser automation, utilized all selenium locators, and wrote complex **XPath** and **CSS**

selectors to locate dynamic elements. Also implemented Page Object Model **(POM)** to make the code more reusable.

* Used Oracle **RDMS** and utilized **JDBC** to automate Database tests and writing **SQL** queries to test Oracle database.
* Performed Web Service testing using **Postman** and **REST-Assured** library by using Hamcrest-Matchers assertions.
* Utilized **Jenkins** to execute test scripts periodically and used **Selenium Grid** for different platforms
* Performed remote execution of daily smoke tests on **AWS** cloud server with Jenkins and sent email reports.

# EDUCATION

* North American University, Master’s Degree, Instructional Technology