


ESMIRA MIKAYILZADE

Software Development Engineer in TEST(SDET)

AUTHORIZATION for US EMPLOYMENT

 Location: Fairfax VA

 504-205-2666

Objective:

Experienced in Automation and Functional Testing of User Interfaces, Database and Web Based Applications Testing for more than 6 years as a Cross-functional, Full Stack Software Development Engineer in Test.

PROFESSIONAL SUMMARY

- Software Quality Assurance professional with **6+ years** background in Testing **Web-based applications, Database** as well as **Client-Server** Software Applications using Windows and MacOS.
- Experience of Testing **Web-based** applications, **Database** as well as **Client-Server** Software applications using MacOS and Windows as a Software Quality Assurance engineer.
- Well verse knowledge in **Computer Science, Energy Technology** and **Healthcare** domains.
- Very strong and deep scripting skills as well as knowledge of **Core Java** and its concepts of **Object-Oriented Programming (OOP): Encapsulation, Inheritance, Abstraction** and **Polymorphism**.
- Successfully built Framework from scratch by using a built tool called **Maven**, moreover, transitioned into a new team on an ongoing project and gave my opinions and contributed into the existing Framework as well.
- About verify and run Tests effectively used **Maven lifecycle** and **Maven goals**.
- Skillful and hands on experience in Automated Web Testing tools like **Selenium WebDriver**.
- High-level **Cross-browser** and **Cross-platform** testing knowledge through **Selenium Grid**.
- Firm expertise in **TestNG** and **JUnit** Frameworks while validating and asserting Test Cases.
- Proficient experience with the **Cucumber BDD (Behavior Driven Development)** Framework while using **Feature files** written in **Gherkin** language.
- High-level of interaction with **SQL queries** for Manual Testing of **Database** and for Automation part of it used **JDBC libraries** while using **Oracle Database**.
- Strong knowledge of **Postman** API client while applying Manual Testing of **RESTful Web Services**. For Automation part of **RESTful Web Services** effectively succeeded in usage of **Rest Assured API** and **Karate API** Testing Framework in order to chain several methods in fluent API as well as obtaining **Response Payload** and providing **Request Specifications**.
- Familiar with **API** commands as: **Get, Post, Put** and **Delete**.

- In order to chain methods in fluent API productively implemented **Hamcrest Matchers** in addition widely used instance of **Log4j class** to acquire **Metadata**.
- Effectively applied **Jackson Databind** and **Gson** libraries while applying **POJO** for serialization and de-serialization.
- Proficient knowledge in **Project Management** and **Bug Tracking** tool called **Jira** with an amazing plugin-**Jira X-ray** in regard to integrate with Test Scenarios into the Framework.
- Well acquainted in scheduling **Regression** and **Smoke** Tests through **AWS cloud server** applying **EC2 instances** while using **Jenkins**.
- While using **Cucumber BDD (Behavior Driven Development)** with **Gherkin** language effectively applied **Behavior Driven Development** and obtained **Cucumber HTML** as well as **Extent Report**.
- High level experienced SDET in **Regression Testing, Smoke Testing, Positive & Negative Testing, Database, UAT Testing, Functional Testing** and **Black-Box Testing**.
- Hands on expertise of **Selenium WebDriver** in multiple environments of **QA** together with **Staging**
- Actively took place in Scrum events such as: **Spring Grooming, Spring Planning, Daily Stand Up, Sprint Demo** and **Retrospective** while implementing **Agile** software development methodology and familiarized with **Waterfall** methodology as well.
- Skilled throughout the implementation of **Git Version Control Systems** as well as different repositories like **GitHub** and **Bitbucket** for **Managing Branches** and solving **Git Merge Conflict**.
- High level understanding of lifecycles as: **Software Development Life Cycle (SDLC), Software Testing Lifecycle (STLC), Defect Life Cycle (DLC)**
- Professional level of **problem-solving, multi-tasking, working under pressure** and able to **meet deadlines** and **going beyond the expectations**.
- Experienced in mentoring team members and attending into **Cross-Trainings** and recognized as a **quick-learner** at the high level.
- Certified **Scrum Master**.

Senior Software Development Engineer in Test - SDET, Sep 2018 - Present **Evolent Health, Arlington, VA**

- While implementing **SMART** criteria-based Business Requirements took over responsibility of writing **Test Plan** as well as **Test-Scenarios** and **Test Cases**.
- Built **Selenium WebDriver** based Framework along with the implementation of **Maven**-built tool through **Java (Object Oriented Programming)** language.
- Based on **web and client-server software applications** experienced in creating Automated Test Scripts and familiarized with **optimizing** and **refactoring** of them.
- Gained **leading, designing** and **implementing** based skills on a compound application.
- Performed **Regression** and **Smoke Testing** generated on realistic evaluations.
- While applying **Selenium WebDriver, Java** and **JUnit** for Automated Script execution improved existing knowledge of **CSS** and **XPath** selectors for locating web elements in the **UI (User Interface)**.
- Actively developed and contributed into **Data Driven Testing (DDT)** framework using **Apache POI** and **Karate API**

- Fully familiarized with the implementation of **Page Object Model (POM)** design pattern with the assistance of **Page Factory** design pattern.
- Used **Jenkins** together with **Maven** commands to schedule **Regression** and **Smoke Tests** while implementing **AWS EC2** instance.
- Successfully implemented **Cucumber BDD (Behavioral Driven Development)** Framework while utilizing **Gherkin language** and used **Log4J** as a logging and debugging tool along with **JUnit** for assertions.
- In regard to provide the maximum satisfaction for end client while using **JUnit** framework coded, developed, designed, inspected, debugged, analyzed and designed latest software solutions along with specific **Java development** to come over the complex problems.
- As a result, to deliver maximum level of performance, integration and Automation level-based product in a well performing stage, worked closely with upper management as much as needed and implemented testing based on the **Requirement Traceability Matrix (RTM)**.
- To overcome and find out best solutions for future shortfalls, bottlenecks, roadblocks and impediments arranged regular trainings, quality review meetings (**Three Amigos**) and code review meetings.
- Throughout the usage of **Jenkins** as a **CI/CD** tool gained well worth knowledge of **Cucumber Json** report.
- Implemented **JUnit** assertions while validating UI components such as Window Handles, Screenshots, Radio Buttons, Iframes, Browser Navigations, Pop-Ups, Drag and Drop, Keyboard and Mouse Movements and Multiple Check Boxes.
- Used **Singleton design pattern** actively across the whole Automation Framework in order to provide the best movement of single driver instance.
- Exposed some **Serenity Framework** implementation.
- In order to apply serialization of **Json data** and validation of **JSON Schema** implemented **GSON** libraries and **Jackson databind** as well as used **API-Key, Basic Auth, JWT Bearer Token** methods as **Authorization** and **Authentication** methods.
- **JDBC library** specifications have been implemented while writing **SQL queries** in order to validate the **Oracle Database**.
- Used **Jira** with an amazing plugin called **Xray** for creating and tracking defects and interacting with user stories.
- Successfully used **Version Control System** called **Git** and as a **remote repository** to interact with pull-push requests as well as to handle conflict resolutions and branch management used **GitHub**
- Almost in all aspects of Automation Testing of the Software supported **DevOps** team such as coding, design, **CI/CD** pipeline, scripting.

QA Automation Engineer, July 2016 – Sep 2018

Baker Hughes, New Orleans, LA

- High level knowledge of information and experience on **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)**, using **Agile** methodologies.
- Using Mars criteria analyzed Business Requirements and created **Test Cases, Test Plan** and **Test Scenarios**.
- Developed **Test Cases** and **Test Plan** based on system and business needs and requirements.
- High level implementation and usage of **Java (Object Oriented Programming)** and **Collections** Framework on daily basis.

- In order to group **Test Methods** and **Test Suites** for **Smoke** and **Regression** testing used **TestNG** annotations such as **Data Provider Groups**, **Data Provider**, **Tags** and **Parameter**.
- Proactively applied **TestNG.xml**, **Data Provider**, **TestNG Parameter** for parameterization.
- Using **Selenium WebDriver** while doing **yUI** based automation testing interacted with different browsers: **Chrome**, **Safari**, **Firefox**, **Edge**.
- Used **MVN goals** and **Maven lifecycle** for verifying, testing and cleaning the Automation Scripts.
- Modified former built in **Hybrid Driven Framework** which was triggered by **Data Driven Testing (DDT)** and **Page Object Model (POM)** design pattern.
- Enough Knowledge about **Extent** reports that are created by **HTML** reporting.
- As a remote repository applied **Bitbucket** and used **Git** as a VCS (Version Control System).
- For the Automation part of **API Testing** applied **Rest Assured Library** and used **Postman** for the Manual part of **RESTful API Web Services** Testing.
- Successfully implemented **Karate Framework** for the **Rest API** as an extra on top of using **Rest Assured Library** and **Postman** also used **Hamcrest Matchers** for chaining multiple elements in fluent API together with **POJO design**.
- Familiar with **Java Database Connectivity (JDBC)** library for Automation and wrote my queries on **SQL queries** to get data from **MySQL Database**.
- Created **Meeting Minutes** report results for the team and took close participation in **Agile Scrum ceremonies**.
- In order to be more informative about application used **Confluence page** and utilized **Jira** as a project management tool.

QA Automation Engineer, June 2014 – July 2016

IBM, Baton Rouge, LA

- Continuously developed and contributed into available **Java** language-based Framework for validation of Test Cases from **Regression Suite** implementing **TestNG** verification methods.
- Participated and progressed inter-personal knowledge during transition from **Waterfall** into **Agile** Environment.
- Involved and successfully explored **INVEST** criteria-based Business Requirements, while writing **Test Plan**, **Test Cases** detailed **Test-Scenarios**.
- High-level **Selenium WebDriver** implementation in order to Automate Test Scripts built in **Java Programming Language**.
- Solid knowledge in generating locators for web elements using **XPath**, **Name**, **Id** and **CSS Locators**.
- Created a class called **TestBase** to improve reusability of codes stated under **BeforeTest**, **BeforeMethod**, **BeforeClass**, **BeforeSuite** methods that comes from **TestNG** Framework.
- Successfully participated in **Cross Training** program of company and with in a minimum timeframe upgraded from **Manual Testing** into the **Automation Testing** side.
- During a short time period achieved and improved **quick learning** skill while learning new tools from scratch.
- Broad knowledge in data algorithms, data structures and **OOP (Object Oriented Programming)** features.
- By the help of Jira successfully generated clear, understandable and compact Test Cases as well as bug report induction.
- During daily activities frequently interacted with **MS Office** tools such as: **Word**, **Excel**, **Outlook** and **PowerPoint**.