**MD IQBAL AHMED**

**QA Automation Engineer**

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Working Status: U.S. Citizen

**Objective**

Highly motivated Software QA Engineer with 8+ years of hands on experience with web and mobile applications test automation using Java with Selenium ,Appium, Android Studio, TestNG, Cucumber BDD framework etc. providing services in fast-paced organizations following Scrum / Agile Methodology. Experienced in QA and testing process, plans, and defect tracking documentation. Adapts quickly to new requirements, leveraging strong communication and technical skills to meet the client requirements and ensure delivery of quality product on time.

**Summary**

* Experienced in Quality Assurance Software Testing Web-Based Applications using Java with Automated Tools like Selenium WebDriver, Cucumber, TestNG, Maven and Manual Procedures
* Experienced in Mobile App Testing in Android& iOS Platform using **Appium**and Android Studio
* Extensive knowledge of **JAVA** collection, java I/O, JDBC, different exceptions ,**exceptions handling, assertions**  etc. and object-oriented programming(OOPs) language concepts like Abstraction, Polymorphism, Inheritance and Encapsulation
* Worked on very intense and fast paced **Agile** environment. Have in-depth knowledge of SDLC process and various SDLC methodologies including **Waterfall**, **Agile** and **SCRUM**
* Knowledge and Experience in every phase of Software Testing Life Cycle and Expertise in performing different kinds of testing like Black Box Testing, Functionality Testing, **GUI Testing**, Integration Testing, System Testing, Data Driven Testing, Backend Testing, Regression Testing
* Expertise in **Cucumber BDD framework** - writing feature files using Gherkin language, corresponding implementation of glue code in the step definition and implementing steps using java following Page Object Model **(POM)**
* Proficient in analyzing Business/System Requirement documents, writing and executing Test Plans, Test Cases ,Test Data and **Automation Test Scripts** for different applications, Reporting and Tracking Defects
* Experience in generate reports in selenium using TestNG, ExtentReports
* Experience in working with **IE, Safari, Firefox, android and Chrome drivers**.
* Experience in writing custom **CSS Selectors, X-path expression** to identify web elements. Also experienced using **firebug, fire path, ChroPath** etc.
* Experience in locate mobile element in Appium using ID, Class Name, Xpath, Accessibility ID, Android UI Automator, Android View Tag, iOS UI Automation
* Designed and implemented different automation frameworks from scratch like **Page Object Model Design Pattern , Keyword Driven framework, Data Driven framework and Hybrid framework**  for multiple projects
* Maintained, tracked and enhanced the Automation code and resources by using Git as version control tool and **GitHub** as resource sharing platform over the time of improvement and the new features .
* Experience in integrating Automation scripts on Continuous Integration tool **Jenkins**for nightly batch run of the Script
* Extensive experience and knowledge in tracking tools like **JIRA**, **HP ALM** and **AWS environments**
* Sound knowledge on database with **Oracle SQL Developer , RDBMS, MySQL ,  Microsoft SQL Server** and on writing complex **SQL Queries**
* Ability to communicate effectively with different individuals of various internal and external groups – Users, Business Analysts, Development, Technical Support, Testing team and Project Manager
* Coordinate and attend different team meeting, **Sprint Planning meeting,** daily **Scrum meeting, Sprint review Meeting and Retrospective meeting**
* Exceptional ability to quickly master new software and apply full range of capabilities
* Experience testing rest API using **POSTMAN**
* 508 Compliance **testing of client-server application, mostly UI.**
* Expert in working with SVN, Git and Jenkins

**Technical Skills**

**Testing Tools**: Selenium, Appium, Android Studio, Maven, Cucumber, Jira, HP ALM, Jenkins, Git, GitHub,JMeter.

**Testing Framework** : BDD Cucumber with POM Approach and Java, TestNG with Data Driven and POM Approach

**Software:** Eclipse, IntelliJ, Microsoft Office, Microsoft Excel

**Database** : RDBMS,Microsoft SQL Server,MySQL, Oracle SQL Developer

**Programming Languages:** Java, Java Script, HTML, CSS, XML

**Operating Systems:** Windows 7/8/10, Mac OS

**Methodology / Framework** : Agile, Scrum

**Language:** Fluent in English, Bengali

**Experience**

**Zocdoc April, 2019 – Present**

*Sr Test Automation Engineer* NYC, NY

**Project Description :**

Zocdoc is an online medical care appointment booking service, providing free of charge medical care search facility for end users by integrating information about medical practices and doctors' individual schedules in a central location. The project is testing the scheduling system on Zocdoc’s paid subscription module for medical personnel. The scheduling system can be accessed by subscribers both as an online service and via the deployed office calendar software, or integrated with their websites. I was responsible for the Functional Testing, automating Regression and End to End testing.

Responsibilities :

* Responsible for testing the client’s website
* Create and execute automated test scripts and suites using Selenium WebDriver, BDD Cucumber Framework with Java, TestNG, Page Object Model
* Use Git as a version control management for the automation scripts and update repository
* Work on an agile development environment to ensure delivery of best quality work with every monthly iteration
* Interact with Business Analysts and Software Developers for bug reviews.
* Help QA lead developing Test Plan and Test Approach artifacts with resource requirements and time estimates
* Experience in deploying Change Orders in Legacy, Windows Desktop and AWS environment.
* Train end users on how to use the newest features after every release.
* Validate front end and back end of the client’s website
* Work closely with different teams for integration testing
* Automated Android app using **Appium** Java-Client library

**Environment:** Agile,Selenium WebDriver**, Java, TestNG,** SQL, Jenkins, Rest APIs**, Git, GitHub, Appium**

**Goldman Sachs August, 2017 – March, 2019**

*QA Automation Engineer* NYC, NY

**Project Description :**

The Goldman Sachs Group, Inc., is an American multinational investment bank and financial services company headquartered in New York City. It offers services in investment management, securities, asset management, prime brokerage, and securities underwriting. The project is testing to ensure that the application and the infrastructure on which the application has been deployed is able to handle the load, especially during peak business hours, without causing any disruption. This is ensured by performing performance testing. Also, testing the functionalities of the new upgrade for the public facing UI.

Responsibilities:

* Written Automation test scripts using Selenium WebDriver and Java
* Implemented BDD Cucumber testing framework with POM
* Testing Oracle and workflow system upgrades (end to end testing, system testing)
* Breaking down business requirements into shippable testable user stories
* Using SQL queries to retrieve and validate data in the database
* Contributing to the team in grooming sessions, planning meetings, sprint reviews and retrospectives
* Responsible for the creation of test data
* Communicating the results and progress to the team and stakeholders
* Responsible to Demo the new features to clients
* Creating new feature documents and UAT plans
* Responsible for performing API Testing
* Converted the manual Regression tests to automated tests
* Supporting releases by performing sanity checks, preparing release notices and deployment plans
* Facilitating team meetings (planning, retrospectives, sprint reviews, mid-sprint check points, QA team meetings
* Write test scenarios for **iOS** and **Android**

**Environment:** Agile,Selenium WebDriver**, Java, BDD Cucumber ,** SQL, , Jenkins, Rest APIs**, Appium, Android Studio**

**Macy’s February 2013 – July, 2017**

*Software Testing Analyst* NYC, NY

**Project Description:**

Macy's is an American department store chain. The project was to automate 200+ manual test cases and convert them into automated tests for regression testing using Selenium WebDriver and Java. Test in-house employee portal as it was being built from the scratch. Employee portal captured employees daily hours worked, employees can also request leave and vacation time from the application.

Responsibilities:

* Participate in meetings to discuss the requirements, test cases, defects
* Responsible for creating Test Strategy and Master Test Plan document
* Responsible for creating Requirement Traceability Matrix after completion of each phase
* Create manual test cases based on the requirements
* Execute test cases and log the defects in Jira
* Responsible for creating different variations of test data
* Conduct smoke, functional and system testing of the applications
* Conduct manual verification of new features
* Execute end-to-end regression testing using automation test tools (Selenium WebDriver)
* Conduct GUI testing in various browsers to make sure application has browser compatibility
* Created MySQL scripts to verify UI to backend to database flow is correct
* Retest the defects when the fixes are available and follow up on defects for closure

**Environment:** Windows, JIRA, Selenium WebDriver, Java, BDD Cucumber, MySQL

**EDUCATION**

**Master of Social Science, Political Studies & Public Affairs**

Shahjalal University of Science and Technology, Sylhet, Bangladesh

**Diploma in Office Management**

Information Technical Vision Society, Uttara, Dhaka, Bangladesh.

**Certifications and Awards**

**Certified ScrumMaster** Scrum Alliance, Inc. Denver, CO, US

**SQL Level 1**Career Centers, 185 Madison Ave, New York, NY 1006

*Reference available upon request*