MD TUHIN ALI

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Objective

Over 5 years of extensive experience in IT with the emphasis on Quality Assurance Testing with exposure on both Manual and Automated Testing. Good experience to work with automation test team and project in most efficient way. Versatile, quick-learner, willing to embrace new challenges.

Professional Summary

- Extensive experience in **Functional testing**, **Regression testing**, **Black box testing**, **GUI testing**, **Back End testing**, **Browser compatibility testing**, **Integration testing**, **System testing**, **User Acceptance Testing (UAT)** and **Mobile apps testing**
- Actively involved with all stages of **SDLC, STLC** and **Defect Life Cycle**
- Experienced in **Software Development Life Cycle (SDLC) participating in Agile Ceremonies like Daily scrum meeting, sprint planning Meeting, Backlog Refinement Meeting and Retrospective meeting.**
- Proficient in the testing applications in different software and hardware configuration platforms
- Proficient in writing **test cases** and **test scripts** manually and automatically and in depth understanding of Software Test Life Cycle **(STLC)** and Defect Life Cycle
- Experienced in working **Agile development** methodology following with Scrum and Kanban Framework
- Expert developing test automation framework using **Selenium WebDriver**, **TestNG**, **Cucumber with BDD**, **Maven**, and **Page Factory** for **Page Object Model (POM)**
- Experienced in **Object Oriented Programming (OOPs)** using Java and implemented **Inheritance**, **Polymorphism**, **Encapsulation, Abstraction**, and **Java Collections**
- Expert in using Continuous Integration **(CI)** tool **Jenkins**
- Expert Logging and tracking defect using **JIRA**.
- Excellent in writing **complex SQL queries** to access data from multiple tables using joins to perform database testing in Oracle and **SQL** server platform.
- Ability to interact with developers and product analysts regarding testing status and maintain detail QA documentation.
- Excellent logical, analytical, and testing skills with good communication skills
- **Quick learner** and good team player with excellent written and interpersonal skills
- Ability to handle multiple tasks and work independently as well as in team.

Technical Skills

- **Testing Tools:** Selenium WebDriver, Selenium Grid. Cucumber, TestNG,
- **Testing Frameworks :** TestNG, Data Driven, Apache POI, Hybrid, Cucumber (BDD)
- **Build/Integrated IDE Tools :** Maven, Gradle, Ant, Eclipse
- **Test Management Tools :** HP Quality Center (QC)/ALM, JIRA, VersionOne, Azur DevOps (ADO)
- **Languages :** Java, Gherkins, SQL, XML, HTML, JSON
- **Operating System :** IOS, Windows, Unix
- **Database :** Oracle, My SQL, MS SQL Server, Miser
- **Version Control :** Git, GitHub, Bitbucket
- **CI/CD Tools :** Jenkins
- **Reporting Tool :** RTM, TestNG, Html, Junit, Cucumber Extend Report
- **Working mode :** Waterfall, Agile scrums, Agile Kanban

Environment

Environment: Windows 10, 11, JIRA, MS Office 10, Skype, SharePoint, Share drive, GitHub, Cucumber (BDD), Java, XML, API, TestNG, Maven, Jenkins, SQL Server

Work Experience

QA Automation Engineer   **03/2022 to Current**
Rabo Bank   **Manhattan, New York**

RaboBank Online Banking provides client to login, to view account information like account summaries, account details, monthly statements, balance transfers, accrued interest, check ordering, loan application, to apply credit cards and financial services

- Project: Liquidity Risk Management
- Application: QlikView generates the Liquidity Monitoring Report (FR2052a) to monitor the organization's overall liquidity profile. The FR 2052a collects quantitative information of company's select assets, liabilities, funding activities, and contingent liabilities

Responsibilities:

- Actively participate in Agile Scrum development including Sprint Planning, Daily Scrum, Backlog Refinement Meeting and Retrospective meeting for Agile Scrum Development Process
- Work closely with Product Owner (PO) and Business Analyst (BA) to ensure the user stories are clear, consistence and Testable
- Develop test cases in Gherkins language and implemented cucumber to automate them in the Step Definition
- Develop and Execute Automated Scripts to test the application using Selenium WebDriver, Java as a Programming language and Cucumber using Gherkin
- Perform test automation Development using test framework that implements Page Object Model (POM), cucumber feature files, and TestNG configuration files
- Develop feature files using Gherkin language, Step Definitions and Test Runner class in order to execute the Automation script
- Responsible for maintaining the Selenium Automation scripts for regression and functional testing using data driven framework flowing BBD (Behavior Driven Development) approach
- Working on Continuous Integration Tools (Jenkins) for executing the Automation regression suit in nightly basis and provide quick feed back to the developers
- Implement Maven for Project building, and Git for code management repository
- Communicate issues to business, engineering, and management using JIRA
- Perform Backend Testing by developing complex SQL queries
- Resolve the risk, issues and defects with the coordination of the group members and external team members
- Work independently in multiple project and effectively communicates with the stakeholders

QA Automation Test Engineer   03/2020 to 02/2022
Liberty Mutual Group   Boston, MA
Liberty Mutual Group is an American diversified global insurer and the sixth-largest property and casualty insurer in the United States

• **Project**: Claims Center
• **Application**: Claims Center- web based application- Design to Approve the customer claims for coverage or compensation for covered loss. When a Policyholders submit a formal request for coverage or compensation for a covered loss the application validates the claim and, once approved, issues payment to the insured or an approved interested party on behalf of the insured

Responsibilities:

- Actively attend in the Daily Scrum, Sprint Grooming, Sprint Planning and Sprint Review meeting in order to implement the Agile scrum framework
- Analyzed the user story and developed automation script in the Agile scrum build process flowing two weeks sprint
- Used Object Oriented Programming (OOP) concept in Java like Inheritance, Polymorphism, Encapsulation, Abstraction, and Java Collections in the framework
- Developed automation test strategy to perform the automated testing cycles using Selenium Web Driver, Java, TestNG & Apache POI following Page Object Model Design (POM) Pattern
- Developed test script in Java language using Selenium WebDriver and TestNG framework
- Created Cucumber Extend Report for automation suite and send to the team
- Designed and developed regression test suites using Selenium WebDriver, Java, Maven, Cucumber, GitHub, TestNG and Jenkins
- Execute browser compatibility and regression tests using Selenium WebDriver for testing UI for every new build release
- Build Behavior Driven Development (BDD) test cases using Gherkins language flowing TDD (Test Driven Development Framework)
- Setup the Automation framework using Selenium WebDriver to run test cases in multiple browsers and platforms
- Used Continuous Integration (CI) tool Jenkins for overnight execution
- Experience testing different web service methodologies REST, SOAP, over XML, JSON

- Performed cross-browser testing for the web interface using TestNG
- Used standard SQL functions and commands to develop SQL queries
- Developed and executed complex SQL queries to create and modify test data
- Generated status reports and Defect reports and presented them in weekly status meetings
- Follow up with the developers on defects status on a daily basis, and generate reports for managements

QA Engineer   **04/2018 to 02/2020**
Macy's   **New York, New York**

Macy's is an American chain of high-end department stores in the United State. It became a division of the Cincinnati-based Federated Department Stores in 1994, through which it is affiliated with the Bloomingdale's department store chain.

· Project: Cart portal
· Application: Web based Ecommerce application -designed to manage product search, select, product cart, payments and process services
Responsibility:

- Analyze, design, and build testing procedures that deliver the client's goals and provide our clients with maximum value.
- Analyzed the Functional Requirements and Design Specifications documents to ensure that the system met all the technical and business requirements of the applications.
- Generated and implemented templates for Test Plan, Test Cases, and Test Scripts and performed Manual Testing on the entire application.
- Developed automated scripts for functional and regression testing using selenium web driver using Java
- Build and enhanced automated test framework using Selenium WebDriver, TestNG, Cucumber, Maven and Page Object Model concepts
- Responsible for application features and preparing several Test plans and Test cases, Test scripts for Unit, Integration, System, User Acceptance, Functional and Regression testing.
- Worked closely with software developers, business analysts, Sys Admin, and other project management personnel involved in Software Development Life Cycle (SDLC).
- Performed back-end testing by verifying the data in the Oracle Database.

Education

Bachelor degree: **Computer Science and Information Security (BSc))**   **2024**
John Jay College of Criminal Justice (CUNY))
Expected Graduation Date:

References

References: Available upon request