**Munazza Jamal**

A highly motivated resource with 5+ years of experience in the field of Manual and Automation software testing. Understands and possesses test management skills as well as automation scripting skills under the best tools and frameworks. Skilled in Smoke Testing, Functional Testing, Integration Testing, System Testing, User Interface testing etc. Have proven expertise in working on different types of test deliverables – Test Plans, Test Cases, Testing Strategies, Test scripts and Test summary reports. Very well acquainted with Test Management and Defect tracking systems such as JIRA and Azure DevOps. Experience in leading, mentoring and guiding the QA team. Also proficient in Test Automation tools such as Selenium WebDriver, Appium, and Cypress.

**Academic Summary:**

Master of Science in Project Management

Bachelor of Science in Computer Science

**Tech Stack/Tools:**

* **Languages:** Java, C#, JavaScript, Groovy
* **Testing:** API Testing, Smoke, Functional, Integration, System, Regression, Ad-hoc (Exploratory), Cross Browser, User Interface, Security, Performance Testing
* **Testing Tools:** Selenium WebDriver (Java and C#), Postman, JMeter, Appium, Cypress, BrowserStack
* **Bug Reporting:** JIRA, Azure DevOps
* **Test Management:** Jira, Azure DevOps, TestRail
* **Version controlling:** TFS, Gitlab, Jenkins, Azure DevOps
* **Database:** MySQL, MS-SQL
* **Work Environments:** Agile (Scrum, Kanban)

**Work Summary:**

**Food Delivery – Web / Mobile Application & Backend Services**

**Environment:** **Java, Android, iOS, Selenium, Appium, Angular, Postman, Node.JS**

**Outline:** A web and mobile application that provides a connection tool that brings all things food together so that shoppers can find exactly what they need and what they're looking for and can have it delivered and shipped from anywhere at any time.

**Responsibilities**:

* Designed, developed and managed automated web application for functional and regression testing using Selenium WebDriver with JAVA.
* Performed web manual testing (API, functional and regression)
* Performed manual testing (functional app testing, performance testing, API testing, usability app testing, compatibility app testing, localization app testing) of mobile application
* Reported and verified bugs on Jira
* Automated test cases for mobile through Appium with Java using data-driven and Page Object Model approach
* Integrated allure report with the test scripts

**Integrated Property Tax Software – Web Application & Backend Services**

**Environment:** **C#, Selenium, Git, Visual Studio, Angular, Xunit**

**Outline:** A web application that determines the monetary amounts of property tax due to the County, issue property tax bills, collect property tax payments and distribute the funds once they are collected.

**Responsibilities**:

* Performed end-to-end automation testing using Selenium Webdriver with C#
* Performed manual testing for different modules
* Established a database connection with the Selenium C# script
* Created test plan and test cases
* Reported/verified bugs on Azure

**ERP Sales – Desktop Application and Backend Services**

**Environment: Visual Studio, Vb.Net, MS-SQL**

**Outline:** A desktop application based on ERP solution for enabling customers to book and track orders, manage deliveries, as well as generate invoices, schemes and pricing.

**Responsibilities**:

* Developed and maintain desktop-based business applications built on ASP.NET
* Worked on scripting and performed unit testing.
* Worked on WinForms and review integrations between applications
* Implemented procedures for gathering and analysis of user and business needs for solutions
* Worked on troubleshooting, debugging and resolution of production issues along with support services

**Services Calling System**

**Environment: Bash scripting, Linux, Shell**

**Outline:** A services calling application that generates the data and call multiple services

**Responsibilities**:

* Generated bash file to send email to notify service using mutt
* Implemented services calling through script
* Created bash scripts to fetch the common files from the server

**Free Medicare System**

**Environment: Cypress, JavaScript, Angular, Mochawesome, Node.js**

**Outline:** A free Medicare knowledge base for consumers, designed to share basic knowledge about Medicare to help consumers make better Medicare decisions

**Responsibilities**:

* Build and enhanced automated test framework using Cypress and Page Object Model concepts
* Designed and developed Test Plans, Test Cases, and Test Scripts and performed Manual testing on the entire application
* Load testing through JMeter and generated dashboard reports
* Implemented API testing using Cypress

**Travel Insurance System - Web Application**

**Environment:** **Selenium WebDriver, Java, Maven, IntelliJ**

**Outline:** Web-based travel insurance application that acts as a link between travel agencies and insurance companies. It enables travel agents to issue insurance policies from various insurance companies and select them based on their clients’ needs.

**Responsibilities**:

* Executed and automated test cases using Selenium WebDriver with Java
* Reported and verified bugs/issues
* Created a smoke and regression run to verify the test cases and share them with the client
* Tested Rest API using postman

**HR, ESS, and Payroll Solutions – Web / Mobile Application & Backend Services**

**Environment:** **Selenium WebDriver, C#, Angular, .Net, JavaScript, tfs2017, Appium**

**Outline:** A web and mobile application that provides an ease to employees of the organization to perform all human resource, employee self-services and payroll operations in one place. The application comprising of assessments like behavioral profiling and personality profiling which enable leaders to identify the best candidates for each job.

**Responsibilities**:

* Designed, developed, and managed automated test projects for functional, performance, and regression testing of web applications using Selenium WebDriver
* Created test automation framework with C#, Selenium WebDriver and NUnit
* Created and Maintained automation test cases for Mobile applications using Appium in C#
* Created automation scripts for the regression test suite
* Automated deployment process using PowerShell script on Azure
* Experienced in end-to-end automation for all build and CI/CD
* Ensured build testing through automated run cases after every build and send automation reports over email