MUHAMMAD **ALI**

LEICESTER UK

Email: m.alifarooq22@gmail.com

Outgoing certified public full stack developer with 2-year experience as software engineer. I am very familiar and experienced with Web and desktop application architecture and have worked with a good number of successful development teams. Seeking to leverage my technical and professional expertise to grow in the role of software developer at your company.

EXPERIENCE

1 AUGUST 2019 – 23 July 2020

SOFTWARE ENGINEER, MTBC

- Researching, designing, implementing, and managing software programs.

- Custom implementation of **OAUTH 2.0** in a project that was to be integrated in Apple Health app.

- Integrated **REST** and **SOAP** services into the application.

- Integrated **PayPal** payment method using Braintree SDK.

- Implemented complex fully **dynamic forms** based on the data received from the APIs.

- Modified and optimized stored procedures and database queries.

- Implemented complex modules like logging in multiple users registered on single email with different data keeping in mind HIPPA compliance.

- Coordinated with different teams to get tasks completed within specified period.

- Identified areas for modification in existing programs and subsequently developing these modifications.

- Learned to write optimized code.

1 AUGUST 2020 – 18 AUGUST 2021

SOFTWARE ENGINEER, ID-Ware

Development and maintenance of products related to the management of access and permissions, smart cards, contractors, and visitors.

- Worked with different smart card printers, integrating those printer plugins in our product using WPF C#.

- Encoding of smart cards using various encoding plugins and chip technologies.

- Reading and writing data to and from smart cards.

- Generation and printing of barcodes using WPF and barcode library.

- Working with canvas in WPF for designing of layouts for smart cards.

- Working with camera (Webcam and cannon) libraries to integrate in application for capturing images.

- Communication between web and desktop applications.

- Generation of MSI and allowing MSI for silent installation in the background without user interaction.

23 AUGUST 2021 – 19 December 2021

SOFTWARE ENGINEER, Contour Software

- Development and maintenance of existing web-based school management application. I had an opportunity to work on chat application that used **SignalR** besides this I also worked on a notification module.

SKILLS

BACKEND FRAMEWORKS, SKILLS

- C#

- ASP.NET (experience in MVC pattern)

- ASP.NET Core

- IdentityServer4 (In depth knowledge of **OAUTH 2.0** and **OpenID Connect**)

- WPF C#

- ADO.net

- MSSQL Server

- REST API (Experience in OData)

- Entity Framework Core

- Payment gateway integrations (PayPal using Braintree)

- Domain Driven Design (Clean Architecture)

FRONTEND AND VC FRAMEWORKS & SKILLS

- Angular 6+

- Socket.io

- HTML/CSS

- Bootstrap 3,4

- Azure Functions (Serverless architecture)

- Git

- Bitbucket

- SourceTree

- Agile Practices

EDUCATION

BS COMPUTER SCIENCE, CAPITAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
CGPA 3.36

FSC (PRE-ENGINEERING), ASLAM FOUNDATION COLLEGE

MATRIC, BAHRIA FOUNDATION COLLEGE

CERTIFICATIONS

- ASP.NET MVC Certification from Inductin Islamabad
- ASP.NET MVC certification from Udemy
- Building and securing restful API's in Asp.net Core

ACTIVITIES

Along with being a skilled software engineer. I have also developed skills like time management, team player, hard work that help me work effectively and get things done within close deadlines. Taking responsibility for my actions, loyalty and trustworthy are some of my personality traits.