

# Muhammad Mohsin Sarwar

## Software Engineer

✉ [mohsinarain445@gmail.com](mailto:mohsinarain445@gmail.com)

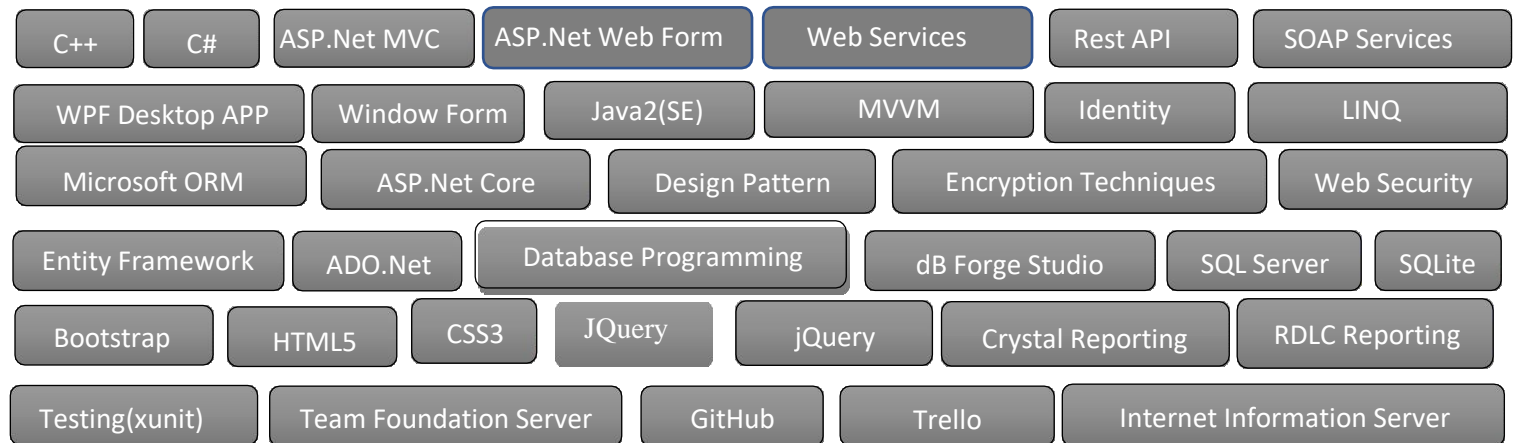
☎ 03043913732

📍 Rawalpindi, Pakistan

### CAREER OBJECTIVE

To be able to work for an encouraging and stable company that will assist me in developing, improving, and obtaining the necessary skills to become the best engineer possible.

### Skills



### EXPERIENCE

#### ▪ Dot Net Developer APPINSNAP Pvt Limited (Feb 2020 - till now)

**Responsibilities:** Application Development, Requirements Analysis, Application Deployment.

- Build and enhance highly available, scalable, real-time and secure systems used by customers worldwide.
- Completed major projects, test and maintain Web- and desktop-based software applications.
- Adhered to high-quality development standards while delivering solutions on-time.

#### ▪ JS Phoenix

It is a mobile banking app. I developed middle ware and application server for APIs. Used proper encryption and decryption technique during communication. Implemented TCP/IP socket programming to communicate with JS bank services. Followed all the security protocols in this project and cleared security from 3rd party (Info Sec) along with it, did internet banking.

#### ▪ FC Baluchistan Digitization:

- FC Recruitment System
- Border Management System
- FC Employee Salary Payroll
- FC Shuhda Help Desk
- Financial Controller
- Inventory Management System

The developed system included complete digitization of the FC South for Online Recruitments, Trainings, passing out and Service Module Processes including Salary Management and help desk system for Shuhda of FC. The Border Management System for validation of cross border trade at Taftaan, using RFID Card is also part of this digitization project. Inventory system includes management of FC Vehicles, Weapons, Logistics and Medical resources.

#### ▪ KPK E-Challan System and Islamabad Traffic Police (ITP eChallan):

E-Challan System was developed for the Province KPK in order to make the Traffic Ticketing system transparent and digitized. The system enables the Traffic Wardens to send traffic tickets via mobile app. The violator can easily pay Tickets to the Warden or through JCash service provided by JS Bank. Reporting system is also developed for providing statistics to the focal Persons of KPK Traffic Police.

- **KPK License Management:**

In this project the process of issuing driving licenses is also digitized including the processes of fee collection and license renewal.

- **Electronic Point of Sale and Pharmacy Management.**

### Individual Projects:

- **Star Enterprises Finance Management System (Gulburg, Islamabad).**  
Developed system as freelancer for real estate sales and financial management that is currently operational in Star Enterprises Gulberg Greens Islamabad
- **Smart Health Card**  
Project Developed using C# (MVC, Web & Mobile Based Application) using RFID Tags, visual studio 2017,Android studio and SQL server 2014(Final Year Project).
- **Pharmacy Management System**  
Management of inventory by keeping track of sales and purchase, assisted with bar code entries.

## EDUCATION

### **Bachelor's Degree: BS(CS)- 4 year**

PMAS Arid Agriculture University, Rawalpindi  
08/2015 – 08/2019 CGPA: 3.08 out of 4

### **Intermediate (F.sc Pre-Engineering)**

Govt Post Graduate College Layyah  
07/2013 – 07/2015 Marks: 729/1100

### **Matric (Science)**

Right Way Higher Secondary School  
06/2011 – 07/2013 Marks: 789/1050

### Interests

Cyber Security

Cloud Computing

### Hobbies

Cricket

Traveling

Reading Newspaper