

# Muhammad Ahsan Khan

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**Software Engineer** with a strong focus on Full Stack development. Over the past 2 years, I have honed my skills in **.NET Core**, **Angular**, and JavaScript (including **jQuery**), delivering reliable solutions for complex projects. I am a hands-on developer who enjoys turning requirements into working features and am looking for an opportunity to apply my skills in a challenging new environment.

## EXPERIENCE

### SOFTWARE ENGINEER

**July-2024 - Present**

Logical Technologist

### DEVELOPED PROJECTS

**2022 - Present**

#### — Online Recipe Sharing System

- Built a full-stack online recipe sharing system allowing users to post, edit, and share recipes with images.
- Implemented search, category filtering, likes, comments, and ratings to increase user engagement.
- Developed secure user authentication and user profiles for personalized experiences.
- Designed a responsive UI and optimized backend APIs for fast recipe browsing and storage

#### — Parking Management System

- Integrated live camera streaming into the parking system using a camera SDK for real-time monitoring.
- Implemented automatic image capture during vehicle entry/exit and linked images to parking logs.

## SKILLS

ASP.NET Core

C#

LINQ

Entity Framework

MVC

MYSQL Server

HTML & CSS

Bootstrap

JavaScript & AJAX along with jQuery

Angular & TypeScript

Git for Version controlling

## EDUCATION

### GRADUATION

**2020-2024**

Bachelor's Degree in Computer Science from Virtual University.

## LANGUAGES

English & Urdu

- Built a surveillance-assisted parking module to enhance security and audit tracking.

### **Laboratory Management System**

- Improved system stability by identifying and resolving functional and backend issues.
- Conducted testing and validation to ensure accurate lab workflows and data integrity.
- Collaborated with team members to deliver incremental improvements and maintain software quality.

### **FCS Commission Base System**

- Contributed to a commission-based multi-portal system (Admin, Partner, Customer, Ticketing) by fixing bugs and enhancing features.
- Supported Identity Server-based authentication, ensuring secure user roles and access.
- Improved commission calculation accuracy, backend logic, and workflow efficiency.
- Performed testing, code optimization, and UI/UX adjustments to enhance reliability and user experience.

### **Identity Card Creating Application**

- Developed an Identity Card Creation system with data entry, validation, and automated ID generation.
- Enabled customizable ID templates (layout, fonts, colors, images).
- Integrated photo upload, cropping, and resizing for uniform ID output.
- Created a secure database for user data with fast retrieval.
- Automated ID generation in PDF/PNG with correct alignment and resolution.
- Added barcode/QR code for enhanced verification.
- Implemented role-based access control for secure workflows.
- Optimized form validation, reducing manual input.
- Designed an intuitive UI for efficient card issuance.
- Conducted testing and optimization for high performance.

### **Accounting Software**

- Performed routine maintenance and enhancements on an existing accounting system to ensure smooth day-to-day operations.
- Troubleshooted and resolved functional and technical issues related to invoices, ledgers, billing, and financial reports.
- Optimized system performance by identifying bugs, refining workflows, and improving data-processing accuracy.
- Supported database maintenance activities, including data validation, correction, and periodic clean-ups.