



Ghaus Muhammad

Software Engineer

Full Stack | MERN Developer

CONTACT

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SKILLS

Frontend

- HTML5 & CSS3, JavaScript (ES6+)
- React.js, Bootstrap
- Responsive Design

Backend

- Node.js & Express.js
- PHP, REST APIs
- JWT Authentication

Databases

- SQL Server & MySQL
- MongoDB, TiDB Cloud

Desktop & Cloud

- C# & Windows Forms, GDI+
- Microsoft Azure
- Vercel, Cloudflare
- Git & GitHub

Languages

- C#, JavaScript, PHP, SQL
- C++, Python (Basics)

LANGUAGES

- English — Professional
- Urdu — Native
- Punjabi — Fluent

HIGHLIGHTS

- 3.938/4.00 GPA — UET Lahore
- 97.45% in Matriculation
- 93.83% in Intermediate
- Production app live on Azure + Vercel

GHOUS MUHAMMAD

SOFTWARE ENGINEER | FULL STACK DEVELOPER | MERN STACK

PROFILE

Software Engineering student and full stack developer with hands-on experience designing, building, and deploying real-world web and desktop applications. Proficient in the **MERN stack** (MongoDB/TiDB, Express.js, React, Node.js), **C# Windows Forms, SQL Server**, and cloud platforms including **Microsoft Azure** and **Vercel**. Strong foundation in REST API design, relational database architecture, object-oriented programming, and end-to-end software delivery.

PROJECT EXPERIENCE

RealProps — Real Estate Marketplace

[React](#) | [Node.js](#) | [Express.js](#) | [TiDB Cloud](#) | [Azure](#) | [Vercel](#)

Web Application

[→ Live Demo](#)

- Built a full-stack real estate platform for buying, selling, and renting properties with a fully responsive UI.
- Engineered a RESTful API backend hosted on **Microsoft Azure**, with the database on **TiDB Cloud** and the frontend deployed on **Vercel**.
- Implemented secure user authentication, property search and filtering, an admin dashboard, and listing management.

FYP Management System

[C#](#) | [Windows Forms](#) | [SQL Server](#)

Desktop Application

[→ View on GitHub](#)

- Built a comprehensive system for managing Final Year Projects, covering students, supervisors, allocation, and evaluation modules.
- Designed a normalized relational SQL Server schema; packaged the app as a signed Windows installer.

Pharmacy Management System

[C#](#) | [Windows Forms](#) | [SQL Server](#)

Desktop Application

[→ View on GitHub](#)

- Developed a full-featured pharmacy solution covering inventory, billing, sales, medicine records, and customer management.
- Packaged and distributed the app as a standalone Windows installer executable.

SpaceX 2D Shooter Game

[C#](#) | [Windows Forms](#) | [GDI+](#)

Desktop Game

[→ View on GitHub](#)

- Built a 2D space-shooter game with collision detection, enemy AI, multi-level progression, and score/health systems using GDI+ rendering.

EDUCATION

BS Computer Science

[University of Engineering & Technology \(UET\), Lahore](#)

1st Semester GPA: **3.938 / 4.00** | 2nd Semester: Result Awaited

2025 – 2029 (Expected)

FSc Pre-Engineering (ICS)

[KIPS College, Jail Road, Faisalabad](#)

Result: **93.83%**

Completed

Matriculation

[Laboratory School, University of Agriculture Faisalabad \(UAF\)](#)

Result: **97.45%**

Completed

COURSES & CERTIFICATIONS

Complete Web Development Course

~130 lectures: HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, the MERN stack, REST APIs, authentication, and deployment.

CodeWithHarry

PHP Development Course

PHP, MySQL, CRUD applications, authentication, and dynamic website development.

MIT Programmers, Faisalabad