

# SHEHRYAR HUSSAIN

Full-Stack Software Engineer · .NET Core | C# | Flutter | SQL Server

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## PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Engineer with 4+ years of experience designing and delivering scalable enterprise web, mobile, and backend systems. Deep expertise in .NET Core, C#, Flutter, and SQL Server across ERP platforms, logistics systems, offline-first applications, and high-throughput REST APIs in live production environments. Track record of independently owning full project lifecycles — from architecture through deployment — while collaborating effectively in Agile remote teams. Currently based in Germany, pursuing a Master's in Data Science, and actively building German language proficiency.

## TECHNICAL SKILLS

### BACKEND & APIS

**Languages:** C#, .NET Core, ASP.NET Core Web API

**API Design:** RESTful APIs, JWT Authentication

**ORM:** Entity Framework Core

### DEVOPS & TOOLING

**Version Control:** Git, GitHub

**CI/CD:** Azure DevOps, VPS Deployment

**Tools:** Postman, Jira, Agile/Scrum

### FRONTEND & MOBILE

**Framework:** Flutter, Dart

**Platforms:** Android, iOS, Windows

**State Mgmt:** GetX, Responsive UI Design

### SOFTWARE ENGINEERING

**Architecture:** Clean Architecture, SOLID Principles

**Practices:** KISS, DRY, Code Refactoring

**Focus:** Performance Optimization, Debugging

### DATABASE & DATA

**Databases:** SQL Server, SQLite

**Patterns:** Offline-First Architecture, Data Sync

## PROFESSIONAL EXPERIENCE

### Freelance Full-Stack Engineer | Logistic Hub Project

Apr 2025 - Present

Remote

- Designed and built an end-to-end logistics management platform using .NET Core, SQL Server, and modern frontend technologies, handling the full delivery lifecycle independently.
- Engineered scalable REST APIs with JWT authentication and role-based authorization; developed shipment and workflow management modules for high-volume operational workflows.
- Implemented clean, modular backend architecture following SOLID and Clean Architecture principles; managed VPS hosting, server configuration, and CI/CD deployment pipelines end-to-end.
- Optimized database queries and API performance to handle production-scale transactional loads.

### Software Developer (Remote) | I-Splendid

Apr 2025 - Present

Remote

- Building cross-platform Flutter applications targeting Android, iOS, and Windows with responsive UI and GetX state management.

- Developing .NET Core APIs integrated with SQL Server for enterprise business workflows, implementing offline-first systems with SQLite synchronization strategies.
- Automated QA and testing workflows, measurably reducing production defect rates and improving release confidence.
- Contributing to Agile sprint cycles, code reviews, and production deployment pipelines within a distributed engineering team.

### Software Engineer | Hub 360

Dec 2024 - Feb 2025

Pakistan

- Contributed to feature development and enhancement of the PayMyTuition platform, an international tuition payment system supporting multi-currency financial transaction workflows.
- Delivered frontend engineering improvements, integration fixes, debugging, and QA testing; participated in Agile sprint planning, reviews, and product roadmap discussions.
- Produced wireframes and UX improvements that elevated the end-user experience on key payment flows.

### Software Developer — Team Lead | I-Splendid

Jan 2023 - Dec 2024

Pakistan

- Led a team of 4 developers building SA-POS, an enterprise offline Point-of-Sale solution processing 2,000+ transactions daily, integrated directly with the Splendid Accounts ERP for inventory and financial reconciliation.
- Developed the Order Booker mobile application with offline-first storage and background data synchronization, enabling field sales teams to operate without connectivity.
- Drove a significant architecture refactor that substantially reduced application load times and improved system reliability in production.
- Owned roadmap planning, technical architecture discussions, sprint coordination, and junior developer mentoring across ERP and POS workstreams.

### .NET Developer | Objectual Systems Ltd.

Jul 2022 - Dec 2022

Pakistan

- Developed backend services for the Winner Winner platform using .NET Core and SQL Server, implementing business logic modules including quiz systems, milestone tracking, and reward workflows.
- Optimized API integrations for scalability under concurrent user loads; designed SQL data models and queries powering analytics and reporting dashboards.

### Software Developer | Office Automation Service

Oct 2021 - Jun 2022

Pakistan

- Built .NET Core APIs for shipping automation and package tracking, implementing real-time tracking workflows and operational automation features.
- Improved backend validation logic, reducing dispatch error rates; constructed secure data pipelines between APIs and SQL Server systems.

## KEY PROJECTS

<b>Logistic Hub</b>	Freelance enterprise logistics and workflow management platform built with .NET Core and SQL Server; full-stack from architecture to VPS deployment.
<b>SA-POS</b>	Offline-first Point-of-Sale system processing 2,000+ daily transactions, integrated with Splendid Accounts ERP for inventory and financial management.
<b>Order Booker App</b>	Cross-platform Flutter mobile app for field sales with offline-first SQLite storage and background sync — enabling operations without internet connectivity.
<b>Splendid Accounts ERP</b>	Enterprise ERP platform covering accounting, inventory, manufacturing, and operational workflows; contributed core modules and integration layers.
<b>PayMyTuition</b>	International tuition payment platform supporting multi-currency financial transaction workflows;

### Nev-Tech (FYP)

contributed frontend and integration improvements.

AI-powered skin cancer prediction Flutter app with Python ML backend achieving ~85% accuracy on test datasets, using offline-first SQLite architecture.

## EDUCATION

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### M.Sc. Data Science | TU Koblenz

Koblenz, Germany

2026 - Present

### B.Sc. Software Engineering | Ilma University

Pakistan

2017 - 2021

- Final Year Project: Nev-Tech — AI-based skin cancer prediction app (Flutter + Python AI); ~85% prediction accuracy; offline-first SQLite architecture.
- Graduated with a strong foundation in software design, algorithms, databases, and system architecture.

## LANGUAGES

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### Urdu

Native

### English

Professional (B2)

### German

Basic (A1 — Actively Improving)

## ADDITIONAL INFORMATION

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- Eligible to work in Germany (valid residence permit)
- Available for Remote, Hybrid, and On-site roles
- Open to Freelance and Contract-based engagements
- Domain expertise: ERP, Logistics, POS, Enterprise Systems
- Experienced mentoring junior developers and leading small teams
- Strong written and verbal communication in English