Muhammad Fayaz

C# | .NET | ASP.NET Core | Web API | React | TypeScript | SQL Server | PostgreSQL | Docker | Azure

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PROFESSIONAL SUMMARY

Full-stack **.NET developer** with **1.5+ years of experience** building production web applications, RESTful APIs, and role-based systems using **ASP.NET Core, React, and Blazor**. Tech Lead of an **AWS DevArena 2026 winning** SaaS case management platform, with hands-on experience in **Clean Architecture, CQRS, Docker, GitHub Actions CI/CD, and Azure**.

WORK EXPERIENCE

Full Stack .NET Developer

Netrex Solutions, *Full-time, Hybrid* | ***January 2025 – Present***

- Contributed to **10+ production web applications** for local and international clients as part of a development team, working across every phase: requirements, database design, backend APIs, frontend UI, testing, and deployment
- Built backend systems with **C#, ASP.NET Core, ASP.NET MVC, and Web API**, using **Clean Architecture**, dependency injection, and the repository pattern for maintainable, testable code
- Designed and optimized relational schemas in **SQL Server and PostgreSQL**, using **Entity Framework Core**, LINQ, stored procedures, and indexing for reliable, performant data access
- Designed and implemented the **User Management module**, covering authentication, authorization, and **role-based access control** across 4 user roles with **JWT**-secured RESTful APIs
- Owned the **Payment & Payout module** of a multi-module e-commerce platform, engineering a wallet-based transaction system with admin-verified approvals and real-time status tracking for users
- Built responsive, interactive frontends with **React, TypeScript, Blazor**, JavaScript, jQuery, AJAX, Bootstrap, and Tailwind CSS, integrated with backend APIs for real-time dashboards and role-based views
- Containerized applications with **Docker** and set up **GitHub Actions CI/CD pipelines** to automate builds and deployments
- Integrated **Azure Blob Storage** and Cloudinary for file and image storage, and applied FluentValidation and **Serilog** for request validation and structured logging
- Collaborated in **Agile** teams using Git, GitHub, and **Jira**, with regular code reviews and structured branching, and built C# **Windows Forms** tools to automate internal business workflows

TECHNICAL SKILLS

Backend	C#, .NET, ASP.NET Core, ASP.NET MVC, Web API, RESTful APIs, Entity Framework Core, LINQ, ADO.NET, SignalR, Microservices, Background Services, Dependency Injection, Clean Architecture, Vertical Slice Architecture, CQRS, MediatR, SOLID Principles, Repository Pattern, Windows Forms
Frontend	React.js, Next.js, Blazor, TypeScript, JavaScript, jQuery, HTML5, CSS3, Bootstrap, Tailwind CSS
Databases	SQL Server, PostgreSQL, MySQL, Database Design, Query Optimization, Indexing, Stored Procedures
Messaging & Caching	RabbitMQ, Redis, In-Memory Caching

Cloud & DevOps	Microsoft Azure, Docker, CI/CD Pipelines, GitHub Actions, Git, GitHub, GitLab, Serilog (Structured Logging)
Security	JWT, OAuth 2.0, RBAC, Claims-Based Authorization, Secrets Management
Testing	xUnit, Unit Testing, Integration Testing
Methodologies & Tools	Agile, Scrum, Jira, ClickUp, Code Reviews
AI-Assisted Development	Claude Code, Cursor

PROJECTS

Litigation Tracking System (LTS)

Tech Lead, 7-Member Team | ***April 2026 – Present***

- Leading a 7-member team building a **SaaS case management platform** for Pakistan's 200,000+ registered lawyers, replacing manual, paper-based case tracking. **AWS DevArena 2026 Winner**
- Own the full-stack architecture: **ASP.NET 10 Web API** with **Vertical Slice Architecture, CQRS, MediatR**, Hangfire background jobs, JWT, FluentValidation, and Serilog
- Built the **React + TypeScript** frontend using Feature Sliced Design, Zustand, and React Query, plus a **Next.js** landing page
- Run requirements gathering, **Jira** sprint planning, and daily code reviews; set up **Docker** and **GitHub Actions CI/CD**, with PostgreSQL on Neon and Cloudinary for storage
- GitHub: LTS-API | LTS-Client

Netrex E-Commerce Platform

ASP.NET Core, Blazor, PostgreSQL | ***2025***

- Built a multi-module e-commerce platform with **Clean Architecture, JWT authentication**, and FluentValidation
- Owned the **Payment & Payout module**, with a wallet-based transaction system and admin-verified approvals
- Built the **Blazor** storefront and integrated **Azure Blob Storage** and Cloudinary for file and image storage
- Containerized with **Docker** and automated builds with **CI/CD**; PostgreSQL deployed live on Render
- GitHub: Backend | Frontend

Online Complaint Management System (OCMS)

ASP.NET MVC, SQL Server, jQuery, AJAX | ***2025***

- Built a multi-role complaint system with separate user and admin dashboards for submitting, tracking, and resolving complaints
- Used **AJAX and jQuery** for real-time updates without full page reloads
- GitHub: Online-Complaint-Managment-System

EDUCATION

Bachelor of Science in Computer Science
Gomal University, Dera Ismail Khan, Pakistan | **2022 – 2026** | CGPA: 3.93/4.00

AWARDS & CERTIFICATIONS

- **AWS DevArena 2026 Winner**, Litigation Tracking System (LTS) [View Award]
- **Advanced Web Application Development**, NAVTTC, Govt. of Pakistan (2026), Grade A
- **Web Development**, UET Peshawar / KP-RETP (2025)
- **Google AI Essentials**, Google (2025)