

FAISAL GHAFFAR

Full Stack Engineer • 12+ Years

faisal.ghaffar@outlook.com • +92 345 4790887 • Lahore, Pakistan • Working Globally
faisalghaffar.com • linkedin.com/in/faisalghaffar

SUMMARY

Full Stack Engineer with 12+ years designing and building scalable, secure, and high-performing systems. Core expertise in .NET Core, C#, SQL Server, Redis, and Microsoft Azure, with deep experience in real-time communication using SignalR and Twilio. Frontend work across React and Angular. Delivered end-to-end products across healthcare, telecom, and SaaS, including a telehealth platform built from scratch that scaled to 200,000+ users.

EXPERIENCE

Amaze Health

Mar 2020 – Jul 2025

Principal Software Engineer

- Designed and built a highly scalable telehealth platform from scratch, scaling to 200,000+ users.
- Backend built on .NET Core with MS SQL Server and SignalR for real-time communication.
- Integrated Twilio APIs for audio, video, chat, voice calls, and SMS.
- Deployed and managed the full application on Microsoft Azure (App Services, Redis Cache, Service Bus, Blob Storage, Azure Functions).
- Implemented AI integrations including Nabla for SOAP notes and RAG pipelines.
- Owned end-to-end delivery: development, testing, deployments, and production support.

Afiniti

Mar 2016 – Mar 2020

Software Engineer → Senior Software Engineer

- Designed and built “DocIT”, an internal Document Management System adopted across the 1,000+ person company. Built a custom UI layered on JIRA and Confluence APIs, which served as the storage and metadata backbone.
- Promoted to Senior Software Engineer and led a 6-engineer team building the company-wide internal CRM. Owned planning, code reviews, and technical direction.
- Shipped productivity tooling on the “Connect” team, including an Outlook plugin that pushed email attachments straight into DocIT and a web app for admins to log tickets opened during inbound voice calls. Stack: C# / .NET / Angular.

InnoSTARK Technologies

Jun 2013 – Mar 2016

Software Engineer

- Designed and built “Academium”, a multi-tenant school operations platform for Ilim College (Victoria, Australia) covering attendance, gradebook, teacher planning, internal workflows, and academic reports.
- Architected for multi-tenancy from day one, scaling the platform from 1 to 4 campuses on a single deployment with no rewrites.
- Sole engineer on the product after the first six months, owning development, deployment, and support end-to-end on ASP.NET MVC, C#, and SQL Server.

TECHNICAL SKILLS

Backend & APIs

C# / .NET 8, ASP.NET Core, Entity Framework Core, REST & gRPC, MediatR / CQRS, Clean Architecture, SOLID Principles

Real-Time & Distributed Systems

SignalR, WebSockets, Azure Service Bus, RabbitMQ, Event-Driven Architecture, Twilio Voice / Video / SMS, Background Workers

Frontend

React, Next.js, Angular, TypeScript, Tailwind CSS, Redux / RTK

Cloud & DevOps

Microsoft Azure, App Services & Container Apps, Azure Functions, Docker, CI/CD (Azure DevOps, GitHub Actions), Application Insights, Blob Storage

AI Engineering

Azure OpenAI Service, OpenAI API, Anthropic Claude, RAG Pipelines, Vector Search & Embeddings, Semantic Kernel, Model Context Protocol (MCP)

Data & Caching

MS SQL Server, Azure SQL, Redis, Entity Framework Core, Dapper, Query Optimization

EDUCATION**University of the Punjab**

2009 – 2013

Bachelor of Science in Software Engineering

Lahore, Pakistan