

# Mohammadh Umair

Full Stack Developer – Doha, Qatar (Transferable Visa, Available Immediately)

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## Professional Profile

Full-stack developer with production experience building enterprise-grade web applications at Virtusa, delivering against real client SLAs on a global telecom platform. Proficient across the full stack: **React, TypeScript, and Angular** on the frontend; **Node.js, .NET Core, and ASP.NET** on the backend; **SQL Server and MongoDB** for data layers; and **Azure App Services** for cloud deployment. Strong background in **REST API design, middleware integration, and DevOps practices** including Docker, Kubernetes, and CI/CD pipelines.

## Professional Experience

### Full Stack Software Engineer

Jul 2024 – Jul 2025

Virtusa (Colombo, Sri Lanka) · Client: CSG Systems International

Full-time

- Designed and built production **RESTful APIs** in **C# / .NET Core** powering telecom enterprise applications across international client deployments.
- Developed and maintained **middleware components** facilitating communication between frontend Angular layers and backend services – resolving cross-layer data consistency issues that had caused production rendering failures.
- Designed and optimised **SQL Server** schemas, stored procedures, and query plans for high-volume data pipelines – improving processing performance and reducing report latency.
- Implemented **JWT authentication** with role-based access control across multi-tenant service endpoints, hardening security posture for enterprise client access.
- Deployed and configured services on **Microsoft Azure App Services** staging, and production.
- Applied **Docker** and CI/CD practices within the Virtusa delivery pipeline – building, containerising, and shipping services through automated deployment workflows.
- Collaborated with Angular frontend teams to integrate APIs and validate UI/UX feasibility against performance and scalability constraints.
- Operated fully within **Agile/Scrum**: sprint planning, daily stand-ups, code reviews, and structured retrospectives – Virtusa’s standard delivery model.

## Key Projects

### AI-Powered Pet Adoption & Rescue Platform

- End-to-end full-stack build: **React** frontend, **Spring Boot** backend, **MySQL** database – sole developer, full ownership from architecture to deployment.
- Integrated **Gemini LLM chatbot** with prompt engineering, role-aware context injection, and fallback logic – demonstrating production-grade AI feature integration.
- Designed **JWT** auth with three role tiers (Admin, Shelter, User); optimised MySQL schema and query patterns for concurrent multi-location access.

### 3D Furniture E-Commerce Platform

- Built with **Next.js, Node.js, and MongoDB**; implemented interactive 3D product customisation UI and **RESTful APIs** supporting catalogue, state, and order management.

### Textile E-Commerce Platform (MERN Stack)

- Delivered complete **MERN** application – authentication, **REST APIs**, order workflows, and **database query optimisation** – independently end-to-end.

## Technical Skills

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<b>Frontend</b>	React, TypeScript, Angular, JavaScript, HTML5, CSS3
<b>Backend</b>	Node.js, Express.js, .NET Core / ASP.NET Core
<b>Middleware &amp; API</b>	REST API design, middleware integration, JWT auth, API debugging, Postman, Swagger
<b>Databases</b>	SQL Server (stored procedures, query optimisation), MySQL, MongoDB
<b>DevOps &amp; Cloud</b>	Microsoft Azure (App Services, pipelines), Docker, Kubernetes, CI/CD, Git/GitHub
<b>AI &amp; LLM</b>	Gemini LLM integration, prompt engineering, Generative AI, Oracle Cloud AI cert
<b>Methods</b>	Agile/Scrum, Clean Architecture, SOLID, OOP, scalable system design
<b>Testing &amp; Tools</b>	Jest, Mocha, Jira, Postman, Swagger

## Certifications

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- **Oracle Cloud Infrastructure Certified AI Foundations Associate**
- **Virtusa Certified GenAI Assisted Engineer**
- **Postman API Fundamentals Student Expert**
- **GitHub Foundations** – GitHub
- **Career Essentials in Generative AI** – Microsoft & LinkedIn
- **Career Essentials in Software Development** – Microsoft & LinkedIn

## Education

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**BSc (Hons) Computer Science – Second Class Upper (2:1)**  
*University of Plymouth, UK (delivered at NSBM Green University, Sri Lanka)*

2025

Transferable Qatar visa - Available immediately - References available upon request.