

UMAR SAEED CHEEMA

Doha, Qatar | +974-5565-2403 | umarsaeed960@gmail.com | linkedin.com/umar-saeed-cheema/ | [Website](#)

EXPERIENCE

Software Engineer

January 2025 - Present

[Snoonu](#)

Doha, Qatar

- Backend Engineer at Qatar's leading Q-commerce and delivery platform, leveraging **.NET** to drive AI-powered operational excellence and scalable logistics infrastructure nationwide.
- Architected and implemented the **Driver Performance Service** to track delivery KPIs and automate incentive logic, improving operational efficiency by **50%** through event-driven architecture.
- Built a telemetry pipeline using **TrueMetrics AI** to analyze driver parking and movement data, cutting average delivery times by **10%**.
- Developed an **AI-powered text-to-speech system** to automate IVR audio generation, cutting manual recording time and operator involvement by **30%**.
- Refactored the monolithic **Inventory Management System** into microservices, improving reliability and enabling real-time stock synchronization and catalog updates across services.

FullStack Software Engineer I

June 2023 - October 2024

[DGlobal](#)

Remote, Singapore

- Built internal tools for digital banking startup using **React.js** and **NestJS**, improving operational efficiency, system security, and user experience across core services.
- Improved platform reliability by **reducing failed requests by 35%** under high load through a **Retry Service** with exponential backoff.
- Enhanced operational efficiency by implementing **GitHub Actions** with semantic release to automate versioning and changelogs, reducing manual intervention by **50%**.
- Collaborated with the product team to create high-fidelity designs in **Figma** and translated them into UIs using **Ant Design**, improving overall user experience.

Software Engineer

June 2022 - May 2023

[Open Data Pakistan](#)

Lahore, Pakistan

- Expanded the HEC-funded Open Data Pakistan platform to support 1,000 datasets (**5x** growth), providing critical resources for 100+ researchers nationwide.
- Developed automated **data ingestion and ETL pipelines**, reducing manual data entry efforts by **60%** and enabling daily dataset refresh cycles.

PROJECTS

ResolveAI

[Github](#) — [Website](#)

- Built a Retrieval-Augmented Generation (**RAG**) based chatbot for customer service using **FastAPI**, **LangChain**, and **Streamlit**, enabling users to query documents and general information. Containerized with **Docker** and deployed on **AWS EC2** via a CI/CD pipeline, autonomously resolving **70%** of user queries.

Interview Deck

[Github](#)

- Built an interactive AI-driven interview preparation platform with **Next.js** and **LLaMA3-8B**, generating adaptive flashcards to personalize learning and reduce user prep time by **25%**.

Fresho

[Github](#) — [Website](#)

- Built a B2B dairy e-commerce platform with **Next.js** and Firebase, featuring an admin portal for dynamic content management and driving a **20%** sales increase.

TECHNICAL SKILLS

Frameworks & Libraries: .NET 8, EF Core, React.js, NestJS, Next.js, GraphQL, Langchain, RabbitMQ, FastAPI

Databases: PostgreSQL, MongoDB, Firestore, DynamoDB

Cloud & DevOps Tools: AWS (Lambda, DynamoDB, EventBridge, EC2, ECS, S3), Vercel, Docker, Firebase

EDUCATION

Lahore University of Management Sciences (LUMS)

Aug 2019 – May 2023

Bachelor of Science in Computer Science

Lahore, Pakistan

Coursework: Data Structures, Algorithms, Computer Vision, Data Mining, Data Science, Artificial Intelligence