UMAR SAEED CHEEMA

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EXPERIENCE

Software Engineer January 2025 - Present

🔗*Snoonu* *Doha, Qatar*

- SWE at Qatar's leading food delivery and Q-commerce platform, aiming to become the Middle East's first **unicorn**.
- Developed and maintained the infrastructure for the Inventory Management System, managing product catalogs, pricing, and real-time stock updates across **10+** dark stores.
- Implemented **SAGA** to ensure consistency and manage distributed transactions across microservices, integrating inventory data synchronization between ordering, product, and warehouse systems.

Freelance Software Engineer September 2024 - December 2024

Self-Employed *Remote*

- **Fresho**: Developed and launched a user-friendly dairy e-commerce platform with Firebase and Nextjs, improving customer experience and driving a **20%** increase in sales.
- **PAQI Dashboard**: Built a real-time air quality monitoring system with an **ETL** pipeline, boosting data processing efficiency by **40%** and enabling timely insights for stakeholders.

FullStack Software Engineer I June 2023 - May 2024

DGlobal *Remote, Singapore*

- Built internal tools for a digital banking platform, improving operational efficiency, system security, and user experience across core services.
- Enhanced system reliability during peak loads of **100K+** requests/day by developing a Retry Service with exponential backoff for HTTP and gRPC.
- Boosted operational efficiency by automating the release process with GitHub Actions, reducing manual intervention by **50%**.

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.
- Reduced manual data entry efforts by **60%** through automated data harvesting pipelines.

PROJECTS

ResolveAI Github

- Built a Retrieval-Augmented Generation (RAG) chatbot for customer service, resolving **70%** of user queries autonomously. Integrated vector search and LLMs with Dockerized AWS deployment.

Interview Deck Github

- Developed an AI-powered interview preparation platform, helping 25+ users reduce prep time by **40%** through dynamic flashcards generated with LLama3-8b and Groq APIs.

MatchMaker Github

- Built a simple tournament and match generator app that is being used in workplace for small tournaments

TECHNICAL SKILLS

Frameworks & Libraries: .NET 8, EF Core, Next.js, NestJS, Redux, GraphQL, Keycloak, RabbitMQ, FastAPI, SQLModel
Databases: PostgreSQL, MongoDB, Firestore, DynamoDB, SQLite
Cloud & DevOps Tools: AWS (Lambda, DynamoDB, EventBridge, EC2, ECS, S3), Vercel, Docker, Firebase
Testing & Analytics: XUnit, Jest, React Testing Library, Testcontainers, Google Analytics

EDUCATION

Lahore University of Management Sciences (LUMS) Aug 2019 – May 2023

Bachelor of Science in Computer Science *Lahore, Pakistan*

Coursework: Data Structures, Algorithms, Software Engineering, OOP, Databases, HCI, Computer Vision