MUHAMMAD ANAS NAWAZ

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LinkedIn — GitHub — Portfolio

PROFESSIONAL SUMMARY

An experienced Full Stack Developer with hands-on expertise in building scalable, secure, and user-friendly Web and Mobile applications. Skilled across the Full Stack, including Frontend and Backend development, Databases, Dockerized deployments, and RESTful API testing with Swagger.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Flutter, Dart, HTML5, CSS3, JavaScript, TypeScript, Tailwind CSS, Context API, Provider, Vite
Backend: NestJS, Node.js, TypeScript, RESTful APIs, JWT, NextAuth.js, Prisma, TypeORM, Swagger, Nodemailer
Database & DevOps: PostgreSQL, MySQL, Redis, BullMQ, Firebase, Firestore, Docker, Git, GitHub, CI/CD
Concepts: Multi-Tenant SaaS, Clean Architecture, RBAC, Microservices, State Management, Background Jobs, API Integration

PROFESSIONAL EXPERIENCE

Full Stack Developer – Kim Long Restaurants Website — Jan 2026 – Present
Kim Long Chinese Restaurant — *Chicago, USA (Remote)*

- Include backend development using NestJS, TypeORM, PostgreSQL, and Swagger; implement APIs, authentication, and role-based access.
- Build responsive frontend with React, Vite, and Tailwind; dynamic menu, contact forms, and Google Maps integration.

Backend Developer – Multi-Tenant SaaS Project — Jan 2026 – Present
Confidential Client — *Remote*

- Architect enterprise-grade multi-tenant backend using NestJS, PostgreSQL, and Prisma; enforce tenant data isolation with JWT authentication and role-based access control (Owner/Admin/Member).
- Implement subscription management system across 3 tiers (Free/Pro/Enterprise) with automated feature gating and expiry handling.
- Build Redis-backed queue system with BullMQ workers for audit logging, email notifications, and subscription validation; containerize services with Docker and maintain comprehensive Swagger API documentation.

Full Stack Developer – Calvio Mart E-Commerce Platform — Dec 2025
Confidential Client — *Peshawar, Pakistan*

- Built full-featured e-commerce platform with React.js, NestJS, and PostgreSQL; developed 50+ RESTful API endpoints with Swagger documentation and Docker containerization.
- Engineered secure admin panel implementing RBAC, JWT authentication, bcrypt password hashing, and comprehensive input validation across all endpoints.
- Created responsive frontend with React Hooks, Context API, and 30+ reusable Tailwind CSS components; integrated OTP email verification, WhatsApp order confirmations, and image upload functionality.

Full Stack Developer — Mar 2024 – Mar 2025
CECOS University — *Peshawar, Pakistan*

- Developed cross-platform mobile application using Flutter with Provider state management and clean architecture principles for maintainable, testable code.
- Built backend microservices with NestJS in containerized Docker environment; designed normalized MySQL database schema with TypeORM for optimal query performance.
- Implemented secure RESTful APIs with Swagger documentation, JWT authentication, comprehensive validation middleware, and real-time location tracking features.

Mobile Application Developer Intern — Aug 2025 – Sep 2025
CodeAlpha — *Remote*

- Developed Fitness Tracker mobile app with Flutter, Firebase Authentication, and Firestore; built Quote Generator app demonstrating clean code architecture and modern Flutter best practices.

EDUCATION

Bachelor of Science in Software Engineering — Oct 2021 – Oct 2025
CECOS University of Information Technology and Emerging Sciences — *Peshawar, Pakistan*

CERTIFICATIONS

- **SQL and Relational Databases 101** – IBM via Cognitive Class (Jun 2025)
- **AWS Academy Cloud Foundations** – AWS (Feb 2024)
- **Mobile App Development with Flutter** – Alison (Mar 2024)
- **MySQL & Statistics for Data Analysis** – Alison (Apr 2024)

LANGUAGES

- **Urdu** – Native Proficiency
- **English** – Conversational Proficiency