

MUHAMMAD ANAS NAWAZ

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PROFESSIONAL SUMMARY

Full Stack Developer experience in building scalable web and mobile applications. Expert in React.js, Flutter, NestJS, and PostgreSQL/MySQL with proven ability to deliver end-to-end solutions. Skilled in clean architecture, RESTful API design, authentication systems, and Docker containerization. Successfully led multiple projects from conception to deployment with focus on performance, security, and user experience.

TECHNICAL SKILLS

Frontend Development: React.js, Flutter, Dart, HTML5, CSS3, JavaScript, Provider, UI/UX Design
Backend Development: NestJS, Node.js, NextJS, TypeScript, RESTful APIs, JWT Authentication, Nodemailer
Database & DevOps: PostgreSQL, MySQL, TypeORM, phpMyAdmin, Redis, BullMQ, Docker, CI/CD
Tools & Platforms: Git, GitHub, Swagger, Visual Studio Code, Android Studio, Render
Concepts: Clean Architecture, Microservices, State Management, API Integration, JSON Serialization

PROFESSIONAL EXPERIENCE

Backend Development / Multi-Tenant SaaS Project

Jan 2026 – Present

Confidential Client

- Developed an enterprise-grade multi-tenant backend using Next.js, PostgreSQL, Prisma, and NextAuth.js, implementing tenant-based data isolation, role-based access control (Owner/Admin/Member), JWT authentication, secure RESTful APIs, and a subscription/plan management system (Free/Pro/Enterprise) with feature gating and automatic expiry.
- Integrated background workers using Redis + BullMQ for audit logging, email notifications, and subscription checks, applying clean architecture, scalable system design, and Dockerized deployment for production-ready enterprise SaaS.

Full Stack Developer

Dec 2025 – Dec 2025

Calvio Mart

- Developed a full-featured E-Commerce platform, using React.js, NestJS, PostgreSQL, Swagger and Docker focusing on scalability and performance.
- Designed and implemented 50+ RESTful API endpoints with NestJS and TypeORM, fully documented using Swagger.
- Built a secure admin panel with role-based access control (RBAC), JWT authentication, bcrypt hashing, and input validation.
- Created a responsive frontend using React Hooks, Context API, Tailwind CSS, React Router, and 30+ reusable components.
- Implemented OTP email verification, WhatsApp order confirmations, image uploads, and centralized error handling.

Full Stack Developer

Mar 2024 – Mar 2025

FYP – CECOS University

Peshawar, Pakistan

- Developed Smart Delivery System mobile application using Flutter with Provider for state management and clean architecture principles ensuring scalability and maintainability
- Built backend microservices with NestJS in Dockerized environment using MySQL and TypeORM with normalized database design
- Implemented secure RESTful APIs documented with Swagger, featuring JWT authentication and comprehensive validation
- Integrated frontend with backend using Dio with custom interceptors for token handling and error management
- Configured Nodemailer for automated email verification and password reset workflows
- Generated strongly typed data models using json_serializable for reliable JSON parsing and type safety

Mobile Application Intern

Aug 2025 – Sep 2025

CodeAlpha

Remote

- Developed Fitness Tracker mobile application using Flutter with Firebase Authentication and Firestore integration
- Built Quote Generator App demonstrating proficiency in Flutter and Dart with clean code practices
- Rapidly acquired new technologies and maintained high productivity while contributing to team objectives

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 Academy (Feb 2024)

Introduction to Mobile App Development with Flutter – Alison (Mar 2024)

Diploma in MySQL and Statistics for Data Analysis – Alison (Apr 2024)