TABBAN GHANI

Software Engineer

+92-3211599859 tabbanghani417@gmail.com linkedin.com/in/tabban-ghani
github.com/taba123-debug

Professional Summary

Software Engineer with a year of professional experience building and shipping web applications. Tech stack includes **Next.js, Node.js, Express.js, NestJS, MongoDB, PostgreSQL, and Prisma ORM**. Experienced in building REST APIs, integrating databases, and contributing to full-stack products from UI to server logic. Focused on clean architecture, scalable systems, and production-ready code.

Skills

Languages & Querying: JavaScript, TypeScript, SQL
Frontend: Next.js, Tailwind CSS and Responsive Design
Backend Frameworks: Node.js, Express.js, NestJS
Databases: PostgreSQL, MongoDB, Firebase
ORM: Prisma ORM
Tools & Platforms: Git, GitHub, VS Code, Claude Code, Trae, Codex
Core Skills: REST API Design, Database Modeling, Authentication, Payment Integration, Team Collaboration

Experience

Junior Backend Developer **June 2025 – Present**
Fortex Solutions

- Promoted from **Backend Developer Intern** to **Junior Backend Developer** after consistently delivering production-ready backend modules and contributing across multiple client projects.
- Developed scalable backend services using **Node.js, Express.js, NestJS, PostgreSQL, MongoDB, Prisma ORM, Redis, and Firebase**, building RESTful APIs and modular application architectures.
- Implemented production features including **JWT authentication, RBAC, Redis caching, Twilio OTP, Firebase Cloud Messaging (FCM), AWS S3 integration, and background job processing** across multiple applications.
- Collaborated within **teams**, independently owning backend modules, database design, API development, and integrations while occasionally contributing to **Next.js** frontend features.

Projects

Genix AI (Final Year Project) | *NestJS, TypeScript, PostgreSQL, Prisma ORM, Redis, BullMQ* **June 2026 – Present**

- Developed an **AI-powered business automation platform** for SMEs featuring AI Chat Agent, AI Voice Agent, and Lead Generation Agent to streamline customer engagement and sales workflows.
- Implemented scalable backend architecture using **NestJS**, JWT authentication, role-based access control, Prisma ORM, Redis caching, BullMQ background jobs, and RESTful APIs following clean modular architecture.
- Integrated **LLM-powered AI services** with retrieval-augmented workflows to automate customer interactions, lead qualification, and intelligent business operations.

SurplusLink AI | *React 19, Tailwind CSS, FastAPI, PostgreSQL, GroqCloud, Docker*

- Developed a B2B marketplace MVP addressing unsold packaged bakery inventory in Pakistan, connecting suppliers with business buyers before products expire.
- Built responsive workflows for surplus listings, buyer requirements, offers, inventory reservations, and collection tracking using React 19, Tailwind CSS 4, FastAPI, and PostgreSQL.
- Integrated a pretrained LLM through GroqCloud using prompt engineering and structured JSON extraction, with Pydantic validation and user review to turn natural-language listings and buyer requests into structured data.
- Implemented bidirectional, rule-based matching based on product category, location, quantity, budget, and shelf life, alongside stock reservations, simulated checkout, and transaction reporting.

Education

Superior University **Lahore, Pakistan**

Bachelor of Science in Software Engineering, CGPA: 3.67/4.0 *2023 – Present*

Certifications & Achievements

AI Essentials – DataCamp Certification covering foundational AI concepts and practical applications.

SQL Fundamentals – DataCamp Certification demonstrating proficiency in relational database querying and data manipulation.

Campus Ambassador 2025–2026 – Selected as official Campus Ambassador for **Devsinc** at Superior University, representing a leading Pakistani software house in university outreach and tech community building.

Hackathon Contributor – Participated in **6+ hackathons**, successfully advancing to final rounds and delivering functional solutions under competitive time constraints.