

Muhammad Shuraim

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PROFESSIONAL SUMMARY

Full Stack Engineer with expertise in building and scaling production-grade web applications using modern tech stacks (Next.js, NestJS, TypeScript, PostgreSQL, FastAPI). Proven ability to deliver end-to-end solutions including authentication, payment integrations (Stripe, Paddle), multi-tenancy, and AI-powered features. Experienced in translating product requirements into robust database schemas, intuitive UIs, and performant backends. Track record of shipping projects that reach users and deliver measurable business impact.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, TailwindCSS, React Redux, Shadcn/UI

Backend: Node.js, Express.js, NestJS, FastAPI (Python), RESTful APIs, Microservices

Databases: PostgreSQL, MongoDB, Supabase, Prisma ORM

Cloud & DevOps: AWS (S3, Route53, EC2, RDS, Amplify, DynamoDB), Docker, CI/CD

Integrations: Stripe, Paddle, GitHub OAuth, AWS Cognito, Payload CMS, WooCommerce, Shopify

AI & Automation: RAG Systems, Chatbots, Voice Agents, n8n Workflows, LangChain, LlamaIndex

Other: Git, System Design, Business Understanding, Project Ownership

PROJECTS

EduOS | Next.js, React 19, Microservices, Multi-Tenant Architecture, PostgreSQL Aug 2026 – Sep 2026

- Contributing to the development of a production-grade School ERP and Learning Management System (LMS), serving multiple schools through a unified platform.
- Working with a microservices-based backend comprising 12 NestJS microservices behind a centralized API Gateway.
- Developing role-specific portals for administrators, teachers, students, and drivers with campus-scoped Role-Based Access Control (RBAC).
- Building scalable, multi-tenant application features to support multiple schools and campus-level data isolation.

Exchange Management System | React 19, TypeScript, TanStack Query, Axios July 2026 – July 2026

- Owned most of the frontend implementation for a commercial foreign-exchange management platform deployed for a live client in Turkey.
- Built modular, lazy-loaded dashboard and workflow interfaces for currency accounts, settlements, approvals, daily closing, and financial reporting.
- Implemented tenant-aware authentication, module access checks, and action-level permissions to support secure multi-tenant operations.
- Developed reporting workflows, PDF exports, and financial dashboards covering ledgers, trading P&L, net positions, and daily summaries.
- Engineered secure authentication and profile management supporting real-world brokerage operations at scale.

Enfu AI | React, Tailwind CSS, Python, Redis, MariaDB, Google Gemini Jun 2026

- Contributed to a production-deployed enterprise AI CRM and ERP ecosystem for the energy manufacturing industry, integrating Frappe CRM, ERPNext, and an autonomous AI sales assistant.
- Engineered a dual-LLM pipeline using Gemini Flash and Flash-Lite, with automated failover, token quotas, and asynchronous background processing.
- Implemented AI safety guardrails, ERP price-list verification, and PII sanitization to improve response reliability and protect sensitive customer information.

Gross Master Food (GMF) | NestJS, TypeScript, PostgreSQL, TypeORM, Redis Jun 2026

- Developed a modular backend for an enterprise B2B/B2C e-commerce and supply chain platform deployed for a food supply client in Barcelona, Spain.
- Implemented B2B price negotiation workflows with line-item approvals, counter-offers, configurable price limits, and audit trails.
- Built REST API modules for order management, procurement, inventory, and role-based access control using NestJS, TypeScript, and PostgreSQL.

AI Blog Studio | Next.js, AI Integration, Tailwind, Auth Jun 2025

- Developed an AI-powered blog creation platform to streamline content generation and publishing workflows.
- Implemented AI-assisted content generation, editing, and blog structuring features.
- Built a responsive interface for creating, reviewing, and managing blog content.

EXPERIENCE

Associate Software Engineer | Jun 2026 – Present

Enfu Solutions | Lahore, Pakistan

- Architected and deployed scalable web applications leveraging Next.js, NestJS, and FastAPI across multiple product lines.
- Designed PostgreSQL and MongoDB data models supporting complex business workflows and real-time features.
- Implemented Stripe and Paddle payment integrations enabling subscription-based SaaS billing for production systems.
- Optimized API performance and database queries resulting in improved application responsiveness and user experience.

Full Stack Developer | May 2025 – May 2026

IT Genesis Software House | Lahore, Pakistan (Onsite)

- Developed and maintained full-stack web applications using Next.js, Node.js, NestJS, tRPC, and TypeScript.
- Built type-safe APIs with PostgreSQL and MongoDB, ensuring data consistency across microservices.
- Implemented responsive UI components using Tailwind CSS and Shadcn/UI, improving development velocity by 30%.
- Collaborated with cross-functional teams to translate product requirements into scalable technical solutions.

EDUCATION

Bachelor of Science in Software Engineering | Superior University, Lahore, Pakistan

CGPA: 3.73/4.00