

Muhammad Asad Akmal

FULL-STACK SOFTWARE ENGINEER

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SUMMARY

Full-Stack Software Engineer with 4+ years of experience designing and shipping multi-tenant AI SaaS platforms end-to-end on Next.js and NestJS within type-safe monorepo and microservices architectures. Proven experience scaling products to 10k+ users with secure auth, Stripe billing, and complex CRM and payment integrations.

EXPERIENCE

Ikonik Solutions — Full-Stack Developer Jul 2025 – Present · Islamabad, Pakistan

- Architected Terravive's type-safe monorepo (NestJS 11 + Next.js 16 RSC) with OpenAPI-to-TanStack Query type propagation.
- Hardened platforms with JWT/OAuth, RBAC, multi-tenant isolation, Stripe billing, and AWS S3 uploads.
- Re-engineered Stedi's backend (Express + Prisma) with a multi-realm QuickBooks OAuth 2.0 flow and AES-256-GCM token storage.
- Shipped Terravive and Siftsight (7k+ active users) to production; improved 15Fashion page-load by 60% and organic traffic by 30%.

Samsoft — Full-Stack Developer May 2024 – Jul 2025 · Islamabad, Pakistan

- Built Density Blaster (canvas marketing-automation editor, Next.js + Polotno + NestJS) and Qoloring (T3 stack).
- Migrated Deeplawn v1 → v2 (Next.js 14 + NestJS in an NX monorepo).
- Integrated 15+ CRM systems and payment providers; scaled to 10k+ active users and reduced manual operations by 40%.

Lighthouse Development — MERN Stack Developer May 2023 – Apr 2024 · Islamabad, Pakistan

- Led MVP for Candle-BET, a Web3 betting platform with Ethereum and Solidity smart contracts.
- Implemented real-time data pipelines with The Graph Protocol and WebSockets.
- Built the Baaazaar e-commerce platform on the MERN stack with Next.js and TailwindCSS.

IcubeMedia — Full-Stack Developer Oct 2022 – Apr 2023 · Remote

- Contributed to Fullet, a Web3 identity-tracking SaaS MVP: Next.js + Chakra UI frontend from Figma.
- Built NestJS backend services with real-time communication via WebSocket and Socket.IO.

SELECTED PROJECTS

- Terravive** — Multi-tenant AI site-intelligence SaaS — type-safe Turborepo (NestJS 11 + Next.js 16 RSC).
- Siftsight** — AI recruitment SaaS unifying ATS, chat, and video — scaled to 7k+ active users.
- Stedi** — Virtual-CFO accounting SaaS — Express + Prisma backend, multi-realm QuickBooks OAuth 2.0.
- 15Fashion** — SEO-driven fashion platform — 60% faster page loads, +30% organic traffic.

SKILLS

Core	TypeScript · Next.js · React · NestJS · PostgreSQL · REST/GraphQL
Backend & Architecture	Express · Microservices · DDD · NX/Turborepo monorepos · OpenAPI
Databases & ORM	Prisma · Drizzle · TypeORM · MongoDB · Redis · MySQL
Cloud & DevOps	AWS (EC2/S3/RDS/SQS/SES) · Docker · GitHub Actions · Nginx · PM2 · Linux
Integrations	Stripe · QuickBooks · HubSpot · Jobber · PayPal · Web3 (Ethereum/Solidity)

EDUCATION

COMSATS University Islamabad, Pakistan