

Abdul Mueed

Full-Stack Engineer · Legacy migrations, ops dashboards and AI automation

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Summary

Full-stack engineer who modernizes and automates small-business technology. Coding since 2017, paid client work since 2021. Migrated legacy PHP/cPanel systems to Next.js and Docker, built an AI-driven e-commerce operations dashboard, and served as co-founder and CTO of a multi-tenant SaaS startup, leading a team of 8.

Skills

- Frontend and mobile: Next.js, React, TypeScript, Tailwind CSS, Flutter
- Backend and data: Node.js, Express.js, NestJS, PostgreSQL (incl. Supabase), MariaDB/MySQL, MongoDB, Meta business API, Shopify integration
- Infrastructure and AI: Docker, nginx, Linux VPS (DigitalOcean, Linode, Vultr), AWS (EC2, SES), CI/CD, cron, systemd, self-hosted LLMs, Claude Code, Git

Experience

Co-Founder and CTO, ExtensorLabs · Karachi · Aug 2025 to Jul 2026

- Designed the architecture of a multi-tenant, AI-based e-commerce operating system, including integration with Meta's business API (messaging and webhooks across multiple tenants' accounts).
- Led a cross-functional team of 8: frontend and backend engineers, interns, trainees and project managers.
- Built the complete frontend and delivered the first client: an operations dashboard combining CRM, Shopify order management, an AI agent that resolves WhatsApp Business chats, and a custom wishlist.

Freelance Full-Stack Engineer · Remote · 2021 to Present

- Migrated Digitemb's websites and legacy PHP/MySQL ERP from cPanel shared hosting to a Dockerized VPS, lowering hosting costs; rewrote cPanel-dependent mailers and cron jobs with AI assistance.
- Rebuilt their WordPress site as a hand-written Next.js site with a custom CMS (shop, blog, service pages, SEO), splitting data across MariaDB and PostgreSQL; rebuilt tahseenislam.com the same way on a second VPS.
- Set up a self-hosted LLM environment on the client's own hardware for in-house AI-assisted development.
- Manage production VPS servers: nginx, Docker, cron, systemd and uptime alerts.
- Built Discord bots with discord.js, now serving 1,000+ users.

Instructor (part-time), Zynex Solutions · Karachi · Jun 2025 to Aug 2026

- Taught the MERN stack from fundamentals to production deployment across 7 full batches (200+ students), managing curriculum, scheduling and progress tracking.

Full-Stack Development Tutor · Self-employed · 2024

- One-on-one frontend and backend instruction with personalised course outlines; guided students to build and deploy full-stack apps with React, Express.js and SvelteKit.

Projects

- **Etcher** (Next.js, MongoDB): HR and project management for small startups, in daily use by 11 employees across 2 startups. etcher.mueed.xyz
- **Classman** (Next.js, Node.js, MongoDB): class management with schedules, assignments and recorded lectures; built for and used to run 7 teaching batches, 200+ students. classman.mueed.xyz
- **Parhle** (Next.js, Tailwind CSS, MongoDB): notes and resource sharing for university students, about 50 users a month. parhle.mueed.xyz

Education

- BSc Software Engineering, University of Karachi (UBIT) · 2024 to Present
- Intermediate, DJ Sindh Government Science College · 2023