Muhammad Adil Sarfraz

Full-Stack Developer · Next.js, Node.js, PostgreSQL, AI integration

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SUMMARY

Full-stack developer who designs, builds and ships production web platforms end to end: multi-tenant SaaS dashboards, AI features, marketplaces, sales automation and WordPress sites. Delivered live platforms for clients in Pakistan, the United States, the United Kingdom and the Gulf, working directly with founders from first sketch to deployment, CI/CD and ongoing maintenance.

SKILLS

Languages	JavaScript, TypeScript, PHP, Python, SQL, HTML5, CSS3
Front end	React, Next.js (App Router), Tailwind CSS, GSAP, Three.js / React Three Fiber, responsive and accessible UI
Back end & APIs	Node.js, Express, Next.js route handlers, REST APIs, authentication (NextAuth, JWT), Django
Data	PostgreSQL, Supabase, MongoDB, MySQL, multi-tenant schema design, TanStack Query
AI & automation	OpenAI, Groq and Azure AI APIs, streaming responses, web scraping, lead enrichment, sales automation
CMS	WordPress: custom plugins (PHP), custom themes and CSS
DevOps & tools	Git, GitHub Actions (CI/CD), Vercel, Docker, AWS, Bunny Stream (video)

EXPERIENCE

Freelance Full-Stack Developer
2025 – Present

Self-employed · Remote · Clients in Pakistan, the US, the UK and the Gulf

- **Asphaleia Systems** (software studio): built the bilingual English/Arabic website in Next.js, lead scrapers that enrich and store contacts in PostgreSQL, and AI-assisted automations that draft outreach and move leads through the sales pipeline.
- **Aaghaz.ai** (AI startup institute): built the learning platform in Next.js and PostgreSQL, including programme pages, a student area and multi-tenant dashboards for programmes, cohorts and students; stored and streamed lesson video through Bunny Stream.
- **Trust Therapeutics** (online therapy, US and UK): build and maintain two WordPress sites with state-based booking, a clinician directory, a custom plugin and custom CSS; deployments automated with GitHub Actions.
- **Urban Tails Pet Care** (Oklahoma, US): built the WordPress membership site with a neighbourhood coverage check, service and area pages, a custom plugin and CI-based deployments.
- **eSeller Store** (multi-vendor marketplace): built the marketplace on Next.js, Supabase and PostgreSQL with a separate, isolated dashboard for each vendor, seller onboarding and AI-assisted product listings.

Freelance Full-Stack Developer
Jun 2024 – Jul 2024

Medical appointment platform · Client in Italy · Remote

- Built a scheduling platform with separate patient and doctor accounts, secure authentication and appointment booking (React, Node.js, Express, MongoDB, Tailwind CSS), with a fully Italian, mobile-friendly interface.

PROJECTS

- **MintCode AI** (mintcode-ai.vercel.app): AI chat assistant with streaming replies over one provider layer for Groq, OpenAI and Azure AI; Next.js.
- **Ikedo** (ikedo.live): referral and rewards platform with user dashboard, admin panel, JWT auth and transactional email (Resend); Next.js, MongoDB.
- **Loan Calculators Suite**: WordPress plugin bundling six mortgage and loan calculators with interactive charts, embedded by shortcode; PHP, JavaScript.
- **AI Teacher 3D** (three-d-two.vercel.app): browser-based 3D classroom with an avatar teacher that answers questions via OpenAI; React Three Fiber.

EDUCATION & CERTIFICATIONS

BS Software Engineering, Virtual University of Pakistan, Lahore — Sep 2024 – Present

Certified Advanced Web Development, PNY Arfa Trainings, Lahore — Feb 2023 – Feb 2024

FSc (Intermediate), Government Postgraduate College, Okara — 2019 – 2020