

Muhammad Zaid Akhter Software Engineer

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SUMMARY

Full-stack Software Engineer with 6+ years of experience building production web applications across AI, crypto, fintech, healthcare, and e-commerce. My recent work centers on AI products: LLM chat experiences and the multi-provider routing, cost controls, and observability behind them. I do my best work in fast-paced, 0-to-1 startup environments where engineers own outcomes end to end and product sense matters as much as code.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, AIXBT Labs

Jul 2025 – Jul 2026 | Remote

- Built AIXBT Indigo, a major upgrade to the product's chat that folds real-time community sentiment, token distribution, and valuation data into conversational answers.
- Designed and implemented the LLM routing layer across OpenAI, Anthropic, Google Gemini, and OpenRouter, adding provider fallback, retries, caching and structured logging to improve reliability, debuggability, and LLM cost visibility.
- Integrated x402 pay-per-use USDC API payments and built referral workflows to support monetization and product growth.
- Set up Grafana dashboards and watchdog alerts to monitor LLM usage, cost, reliability, and chat-response health in production.
- Refactored core product systems by consolidating multiple repositories into a monorepo, simplifying shared code paths, improving maintainability, and creating a cleaner foundation for faster product iteration.
- Improved AI-assisted development workflows by making the codebase more agent-ready with custom skills, hooks, pre-command safeguards, and destructive-action blocking for safer production investigation and debugging.
- Supported early engineering-team growth by screening applicants, onboarding three teammates, and mentoring/unblocking two engineers while operating across product, infrastructure, AI workflows, and production support.

Full Stack Engineer, AIXBT Labs

Dec 2024 – Jul 2025 | Remote

- Built major parts of the AIXBT Terminal, a real-time crypto intelligence product, across customer-facing dashboards, backend services, and admin tooling, using React, Next.js, TypeScript, and Node.js.
- Built Discord and Telegram chat/alert workflows for real-time intelligence delivery, and internal moderation/admin dashboards for reviewing and managing product data.
- Integrated Stripe subscriptions, Coinbase Commerce USDC payments, and related backend payment-handling logic.

Freelance Software Engineer, Upwork

Nov 2020 – Oct 2024 | Remote

- Earned \$100K+ across 30+ projects on Upwork with a 100% Job Success Score and Top Rated Plus status, delivering production software for companies in the US, Australia, Germany, and Singapore.
- Built B2 Portal's LLM-powered quote-automation platform for sign shops: parsing RFQ emails into priced estimates, an AI quote chat widget, semantic product matching, and a human-review queue.
- Built dashboards, adviser tools, interactive presentations, data visualizations, real-time editing, drag-and-drop workflows, KYC flows, document/signature workflows, and payment experiences for Planlogic and MarketX.
- Also shipped Into The Wild Escapes' headless travel-booking site, built Datta + Baum Studio's product site, and developed pharmacy operations, inventory-shrinkage, and customer-service workflows for ConcertRx and ShrinkMan.

Associate JavaScript Developer, Zenveus

Feb 2020 – Nov 2020 | Karachi

- Built and debugged client-facing features across multiple production JavaScript applications, including real-time notifications, a custom video player, e-commerce localization, and a deal-management Kanban board.

SKILLS

Core Engineering: TypeScript, JavaScript, Python, React, Next.js, TanStack Router/Query, Astro, Node.js, NestJS, Express.js, REST APIs, GraphQL, WebSockets, Testing (Vitest, Jest, Playwright, Cypress), Tailwind CSS, D3.js

Cloud, Data & Platforms: AWS, Google Cloud Platform (GCP), Railway, Vercel, Cloudflare, GitHub Actions, CI/CD Pipelines, Monorepos (pnpm workspaces, Turborepo), Grafana, PostgreSQL, MySQL, MongoDB, Redis, BullMQ, Prisma

AI/Product Engineering: LLM Routing, AI Agents, Prompt/Context Engineering, Tool Calling, Embeddings & Vector Search, Prompt Caching, AI Observability, OpenAI, Anthropic, Google Gemini, OpenRouter, Vercel AI SDK

Integrations: Stripe, Coinbase Commerce, x402, Twilio, Auth0, Discord, Telegram, X/Twitter, Google Maps API, Afterpay, QuickBooks

EDUCATION

MSc in Global Software Development, Fulda University of Applied Sciences

Oct 2024 – Present | Fulda

BE in Software Engineering, NED University of Engineering & Technology

Oct 2018 – Oct 2022 | Karachi

Final Grade: 3.62/4