

Muhammad Najmu Al Syathir Bin Azemi

Full-Stack Engineer

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SUMMARY

Full-stack engineer with 2+ years of professional experience across front-end and back-end development, plus a growing personal infrastructure of self-hosted projects — browser-based terminals, uptime monitoring, multi-tenant SaaS, and async AI orchestration, all running on infrastructure I manage myself. Comfortable owning the full stack: front-end (React, Vue.js, Next.js), back-end (Node.js, Python, PHP), and infrastructure (Linux, Docker, Cloudflare). Currently a Full-Stack Engineer at myFirst Tech Sdn Bhd.

EXPERIENCE

Full-Stack Engineer Mar 2025 – Present
myFirst Tech Sdn Bhd

- Maintain and support the company's internal-use web portal, keeping existing systems reliable in production — Next.js and TypeScript on the front end, Go services on the back end.
- Designed and developed the base architecture for Portal 3.0 — the next-generation rebuild of the internal portal.
- Helped design the customer journey for the company's subscription platform, integrating Stripe and Airwallex for transactions and cross-border payments via webhook-driven event flows.
- Built a real-time, AI-integrated customer-support chat, backed by Firestore, Firebase Realtime Database, and PostgreSQL.

Next.js · TypeScript · Go · Stripe · Airwallex · Webhooks · Firestore · RTDB · PostgreSQL

Junior Software Developer & Operations (FE) Aug 2024 – Mar 2025
Guard Genius Sdn Bhd

- Developed and optimised responsive web applications with Vue.js and Tailwind CSS, ensuring cross-device compatibility.
- Integrated RESTful APIs with cross-functional teams to improve data flow and performance.
- Maintained code quality through Git branching strategies (staging/development).
- Redesigned the company website in Figma, improving UX and aligning with business goals.
- Used Sentry for bug tracking and resolution; implemented email automation via a mail server API.

Vue.js · Flask · MySQL · Git · Figma

Software Developer Intern Mar 2024 – Jun 2024
AQ Wise Sdn Bhd

- Built an e-commerce platform in Laravel with product management and shopping-cart features.
- Designed and managed MySQL databases for catalogs, user profiles and order histories.
- Contributed a responsive sidebar to a Flutter project; built dynamic interfaces with Blade.

Flutter · Laravel · PHP · Tailwind CSS

PROJECTS

PERSONAL / SELF-HOSTED

personal-dashboard AI-connected personal life assistant — finance, scheduling, meetings, career, tasks. Next.js · TypeScript · Prisma · PostgreSQL	acadeon-cli Browser-based PTY terminal with TOTP auth. Next.js · TypeScript · node-pty
acadeon-pulse Uptime monitor PWA with escalating push alerts. Next.js · TypeScript · PWA	ssh-web-server Browser-based SSH client, zero install. Next.js · TypeScript · WebSocket
ai_hub_bridge Async AI job queue bridging the Claude CLI to web and Telegram. Next.js · TypeScript · Supabase Realtime	CPU-Motherboard Compatibility Checker Final Year Project — browser extension on Lazada's cart to verify CPU/motherboard compatibility. Awarded Best Industrial Panel FYP (2024). Python · FastAPI · Docker · Data scraping

CLIENT / FREELANCE

MNS Tech Store E-commerce platform for PC parts and accessories. Laravel · Blade · MySQL · Tailwind CSS	Bakers Heist E-commerce storefront for a cake shop and bakery. HTML5 · CSS3 · JavaScript bakers-heist.vercel.app
Astral Apparel Online store for Muslimah fashion — abaya, baju kurung, modest wear. HTML5 · CSS3 · JavaScript astral-apparel.vercel.app	PetCare Clinic System Grooming and vet booking — appointments, pet profiles, service management. Laravel · Blade · MySQL · JavaScript

EDUCATION

Bachelor of Computer Science (Hons.) Universiti Teknologi MARA, Melaka (Kampus Jasin) Jun 2023 · CGPA 3.18	Diploma in Applied Science Universiti Teknologi MARA, Perlis (Kampus Arau) Feb 2021 · CGPA 3.21
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SKILLS

LANGUAGES	TypeScript · JavaScript · Go · Python · PHP · HTML5 · CSS3
FRONTEND	React · Next.js · Vue.js · Tailwind CSS · SCSS/SASS
BACKEND	Node.js · Go · FastAPI · Flask · Laravel · REST API design · Webhooks
PAYMENTS	Stripe · Airwallex
DATABASE & ORM	PostgreSQL · Firestore · Firebase Realtime Database · MySQL · Prisma
INFRA & DEVOPS	Docker · Git · Linux server admin · Cloudflare (Tunnels, Zero Trust) · Supabase · tmux
AI TOOLS	Claude Code · Cursor · Antigravity
TOOLS	Figma · Sentry · Android Studio · Flutter