HAFIZH MUZANI

Junior Full-Stack Developer · Open-Source Tool Builder

Semarang, Indonesia • +62 823-2723-9421 • hafizhmuzani011@gmail.com • hafizhhh.dev • github.com/apissaj • linkedin.com/in/hafizmznn

Professional Summary

Informatics Engineering student at Universitas Dian Nuswantoro (UDINUS) with hands-on experience building production web applications and developer tools. Proficient in React, Next.js, TypeScript, and Node.js, with practical experience in Cloudflare Workers edge computing, SQLite/D1 databases, and proxy/automation services. Active open-source contributor passionate about clean architecture and reliable tools.

Technical Skills

Languages:	TypeScript, JavaScript (ES6+), Python, Go, SQL, HTML5, CSS3
Frameworks:	React 19, Next.js 16 (App Router), Vue 3, Tailwind CSS v4, Express.js, Hono
Cloud & Infra:	Cloudflare Workers, Cloudflare D1 (SQLite), Vercel, rclone, Git / GitHub
Developer Tools:	REST APIs, SSE Streaming, LocalSend protocol, Vitest, Node.js, pnpm / npm

Featured Projects

Cloud Mail — Self-Hosted Catch-All Email Platform *08.2025 – Present*

Live Demo: mail.hafizhmuzani.my.id • **Stack:** Cloudflare Workers, D1 (SQLite), Vue 3, TypeScript

- Architected a self-hosted email inspection and catch-all platform running on Cloudflare Workers edge infrastructure.
- Designed REST API endpoints for automated OTP/verification code extraction for automation pipelines.
- Implemented role-based access control (admin/user) with D1 persistence and a responsive Vue 3 frontend.

KoncetCloud — Self-Hosted Cloud Backup & Multi-Storage Manager *10.2025 – Present*

Live Demo: kc.koncetcloud.web.id • **Stack:** Vue 3, Node.js, Express, Tailwind CSS, rclone, LocalSend

- Built a unified web dashboard managing 50+ remote cloud providers (Google Drive, MEGA, pCloud) backed by rclone.
- Implemented zero-hop LocalSend receiver protocol (UDP discovery + chunked upload) to back up mobile media directly to cloud.
- Engineered RFC 6238 2FA TOTP auth, anti-duplicate job mutex locks, and real-time transfer monitoring.

Developer Tools & LLM Gateways (zenproxy, freebuff-proxy) *08.2025 – 09.2025*

Stack: Go, Node.js, SSE Streaming, npm, Reverse Proxy

- Developed lightweight OpenAI/Anthropic-compatible reverse proxies with automatic key rotation, rate-limit backoff, and SSE stream parsing; published freebuff-proxy to npm.

Experience

Freelance Web Developer — Self-Employed *09.2025 – Present*

- Developed responsive web applications and landing pages using React, Next.js, TypeScript, and Tailwind CSS with a mobile-first approach.
- Integrated frontends with RESTful APIs, third-party services, and Firebase backend (authentication and cloud datastore).
- Built and maintained client automation tools, reducing manual data processing overhead.

Education

Universitas Dian Nuswantoro (UDINUS) — Diploma in Informatics Engineering *2025 – Present*

Focus: Application Development, Information Systems, Software Engineering.

SMK Negeri 9 Medan — Visual Communication Design (DKV) *2021 – 2024*