

Muhammad Naufal Nazya Azzharif

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Full-Stack Engineer and Software Engineering student focused on building modern web, backend, and desktop applications using TypeScript, React, Next.js, Go, and PostgreSQL. Experienced in delivering practical products from user-facing workflows to backend services, data systems, and developer tooling.

EDUCATION

Politeknik Negeri Padang

D4 – Applied Bachelor, Software Engineering Technology | GPA: 3.59 / 4.00

2023 – Present

SKILLS

Languages: JavaScript, TypeScript, Go

Frameworks: Next.js, React, Astro, Hono, Elysia, Fiber, Wails, Laravel

Databases: PostgreSQL, MongoDB, MySQL

Runtimes: Node.js, Bun

Tools: Git, GitHub, Docker, Linux, Vercel, Netlify, Railway, Cloudflare

ACHIEVEMENTS

5th Place – IMPHNEN x Kolosal AI Hackathon

2025

Awarded for *Techyst*, an AI-assisted hardware diagnostic web app for smartphone repair technicians

PROJECTS

Caskify | Go, Wails, React, TypeScript | github.com/CaskifyApp/Caskify

2026

- Built a Linux-first PostgreSQL desktop client using **Wails, Go, React, and TypeScript**, replacing CLI-heavy workflows with a native GUI for database browsing, query execution, row editing, and backup management
- Implemented a **Go backend** for connection pooling, local and Docker PostgreSQL discovery, query execution, and secure credential storage through Linux keyring integration

Hayainime API | Go, Fiber | github.com/Drenzzz/Hayainime-API

2026

- Built a REST API service in **Go and Fiber** for scraping anime data from Otakudesu, covering search, schedule, detail, episode, and streaming endpoints with documented API contracts
- Implemented modular handlers, scraper integrations, API key protection, rate limiting, and Redis-backed caching to support maintainable backend development and deployment

ADBKit | Go, Wails, React, Astro | github.com/drenzzz/adb-gui-kit

2025

- Built a cross-platform desktop client for Android device management using **Wails, Go, React, and Astro**, covering wireless debugging, file transfer, package management, real-time Logcat, and Fastboot flashing workflows
- Implemented backend command orchestration and responsive frontend modules to turn **ADB & Fastboot** operations into a safer visual workflow for diagnostics, device maintenance, and ROM flashing

ranoz-go | Go, CLI | github.com/Drenzzz/ranoz-go

2026

- Built a **Go**-based CLI uploader for Ranoz.gg with concurrent multi-file upload, progress output, and file info retrieval for streamlined terminal-based workflows
- Implemented worker-based concurrency, retry handling for transient failures, file validation, and direct disk streaming to keep large-file uploads efficient and memory usage stable

Techyst | Next.js, React | github.com/Ambanet-Corporation/techyst

2025

- Built an AI-assisted hardware diagnostic web app for mobile repair SMEs using **Next.js and React**, enabling technicians to upload board images and receive repair guidance through visual analysis and reasoning
- Integrated image upload, client-side persistence, and AI-assisted diagnosis workflows to support faster second-opinion analysis while keeping service history stored locally in the browser

Mitra Wiradoor Sumbar | Next.js, React | wiradoorsumbar.com | github.com/Drenzzz/mitra-wiradoor-sumbar Sep–Dec 2025

- Delivered a production company profile and e-catalog platform for an official **Wiradoor** distributor in West Sumatra, combining a public storefront with inquiry, guest checkout, and order tracking workflows
- Built full-stack business features including an admin dashboard, product and content management, role-based access control, and order management for day-to-day operational use

BGD Hydrofarm E-Commerce | Laravel, MySQL | github.com/Cukurukuk-TI/GreonePBL

Feb–Jul 2025

- Contributed as a **Full-Stack Developer** in a team building an e-commerce platform for hydroponics partner BGD Hydrofarm using Laravel and MySQL, delivered within a 5-month project sprint
- Designed database schema and UI wireframes to support end-to-end catalog, order management, and user management workflows across customer-facing and administrative pages

ORGANIZATIONAL EXPERIENCE

Forsipol – Forum Studi Islam Politeknik Negeri Padang

Member, Multimedia Division

2023 – 2025

- Produced visual design assets and event documentation supporting campus activities and internal publications
- Collaborated with cross-divisional teams to deliver promotional materials and multimedia event coverage