

Muhammad Naufal Nazya Azzharif

Junior Software Engineer

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Software Engineering student focused on backend and full-stack development using Go, TypeScript, and JavaScript. Built web, REST API, desktop, and academic applications through personal, open-source, and university projects. Currently gaining professional experience as a Web Developer Intern at CodeLabs Indonesia.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go
Frontend: React, Next.js, Astro
Backend: Hono, Elysia, Fiber
Desktop: Wails
Databases: PostgreSQL, Redis
Tools and Infrastructure: Git, GitHub, Docker, Linux, Node.js, Bun, Vercel, Railway, Cloudflare

EXPERIENCE

CodeLabs Indonesia 10 Aug 2026 – Present
Web Developer Intern *Tangerang Selatan, Indonesia*

- Set up the local development environment and worked through the team’s onboarding tasks.
- Tested the LMS on the admin and student sides, fixed the issues I found, and logged the results for the team.

SELECTED PROJECTS

ADBKit | *Go, Wails, React, TypeScript* | *Personal Project* | *Open Source* | [GitHub](#) 2025 – Present

- Built a cross-platform desktop client for Android device management using Wails, Go, React, and TypeScript, covering wireless debugging, file transfer, package management, real-time Logcat, and Fastboot workflows.
- Implemented backend command orchestration and frontend modules to provide a graphical workflow for ADB and Fastboot operations.
- Reached 300+ GitHub stars and continues to be developed as an open-source project.

Mitra Wiradoor Sumbar | *Next.js, React, TypeScript, PostgreSQL* | *Academic Project, Semester 5* | [Demo](#) Sep – Dec 2025 | [GitHub](#)

- Built a company profile and e-catalog platform as part of a university project for a Wiradoor distributor in West Sumatra.
- Implemented storefront, product and content management, inquiry, guest checkout, order tracking, admin dashboard, and role-based access control.

Hayainime API | *Go, Fiber, Colly, Redis* | *Personal Project* | [GitHub](#) 2026

- Built a REST API in Go and Fiber for anime data, providing documented endpoints for search, schedules, details, episodes, and streaming information.
- Implemented anime scraping workflows with Colly, API key protection, rate limiting, and Redis-backed caching.

Techyst | *Next.js, React, TypeScript* | *Hackathon Project* | [Demo](#) | [GitHub](#) Dec 2025

- Built an AI-assisted hardware diagnostic web application for smartphone repair technicians using Next.js and React.
- Implemented image upload, local browser persistence, and AI-assisted diagnosis workflows for repair analysis.

FoodQCheck | *Python, FastAPI, TensorFlow, React, Capacitor* | *Academic Capstone Project, Semester 6* | Mar – Jul 2026 | [GitHub](#) | [Mobile Repo](#)

- Built an capstone system for food-quality classification using a machine learning model, API backend, and mobile application.
- Worked with a FastAPI backend and React/Capacitor mobile client as part of an end-to-end prototype.

EDUCATION

Politeknik Negeri Padang 2023 – Present
D4 Teknologi Rekayasa Perangkat Lunak | *GPA: 3.60 / 4.00*

ACHIEVEMENTS

5th Place – IMPHNEN x Kolosal AI Hackathon 2025
Awarded for Techyst, an AI-assisted hardware diagnostic web application for smartphone repair technicians