ALDO MARCELINO

Full Stack Engineer • Jakarta, Indonesia (Open to Remote & International Relocation)

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SUMMARY

Product-minded **Software Engineer** with 4 years of full-stack experience architecting, scaling, and shipping production SaaS platforms, fintech portals, and cloud infrastructure interfaces. Proven expertise in **TypeScript, React/Next.js, Vue/Nuxt, Node.js (NestJS), and Go**, with a strong track record of boosting Core Web Vitals to 95+, enforcing 90–93%+ unit test coverage, and collaborating remotely with international teams across APAC.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript (ES6+), Go, SQL, GraphQL
Frontend:	React, Next.js, Vue.js, Nuxt, React Native (Expo), TanStack Query, SWR, Zustand, Jotai, Redux Toolkit/Saga, Tailwind CSS, shadcn/ui, MUI, Ant Design
Backend & Architecture:	Node.js, NestJS, Express.js, REST APIs, GraphQL (Apollo), Microservices, API Gateway
Databases & Cloud/DevOps:	PostgreSQL, MongoDB, MySQL, Redis, Firebase, AWS (S3), GCP, BytePlus, Docker, Vercel, Git, CI/CD (GitHub Actions), Jest, React Testing Library

PROFESSIONAL EXPERIENCE

L'tria Tribe Benefits — **Singapore (Remote)**

Full Stack Engineer — *Dec 2024 - Present*

- Architected and maintained two production B2B employee benefits SaaS platforms (**Tribe Benefits** & **NOVA by Tribe**) and built the **Nexus HR Admin** portal using Next.js, TypeScript, NestJS, PostgreSQL, and MongoDB.
- Engineered end-to-end workflows for flexible benefits, wellness, and rewards, integrating third-party payment gateways, AWS S3 cloud storage, and Postmark transactional email pipelines.
- Enforced strict engineering quality across both products, maintaining **93%+ unit test coverage** and driving Lighthouse performance, accessibility (WCAG), and technical SEO optimizations.
- Collaborated directly with cross-functional Singapore-based stakeholders on multi-tenant system architecture, API modularization, and continuous deployments via Vercel.

CIMB Niaga — **Jakarta, Indonesia**

Frontend Engineer (Contract) — *Dec 2023 - Dec 2024*

- Engineered frontend interfaces across three core banking products: the public **CIMB Niaga API Portal** (api.cimbniaga.co.id), internal Back Office, and business Customer Portal using Next.js and TypeScript.
- Managed complex asynchronous state, API caching, and data-fetching journeys utilizing TanStack Query, SWR, Zustand, and Jotai, while standardizing reusable UI components with shadcn/ui and Material UI.
- Elevated Core Web Vitals performance scores from **~60 to 95+** and achieved a **100% SEO score** through semantic SSR enhancements and rendering optimizations.
- Spearheaded automated testing standards by increasing unit test coverage from **0% to 90%+** using Jest and Testing Library, significantly reducing production regressions.

PT Era Awan Digital (Eranyacloud) — **Jakarta, Indonesia**

Full Stack Engineer — *Jan 2023 - Nov 2023*

- Developed the enterprise **Compute Console** and public cloud platform (eranyacloud.com) using Next.js and Nuxt (Vue), enabling customers to provision and manage cloud compute resources seamlessly.
- Designed and implemented a NestJS API Gateway to orchestrate 3+ backend microservices and coordinated complex asynchronous frontend-backend workflows using Redux Toolkit and Redux-Saga.
- Collaborated with cloud infrastructure teams to define strict API contracts, maintain high unit test coverage, and optimize responsiveness and Lighthouse accessibility scores.

EKUID & Wukong (Fintech & Event Platforms) — **Jakarta, Indonesia**

Full Stack Engineer — *Dec 2022 - Jun 2026*

- Developed full-stack web applications and backend microservices for **EKUID** (eku.id, securities crowdfunding) and **Wukong** (wukong.co.id, event ticketing) using Next.js, NestJS, GraphQL, Go, and PostgreSQL.
- Built administrative Back Office portals, real-time analytics dashboards, and integrated **Xendit** and **Nicepay** payment gateways for high-volume transactions on AWS.

SELECTED PROJECTS & LIVE PRODUCTS

Ramupod *Creator & Maintainer* | Live App

Developer Utility Suite

- Built and deployed a zero-cost, browser-based developer toolkit featuring a tab/webcam **Screen Recorder**, **QA Bug Capture & Network Handoff** (with payload redaction), live **Speech-to-Text** dictation, batch **Image Compressor**, and **SVG-to-JSX Optimizer**.

Cadira *React, Vite, Firebase, Midtrans* | cadira.id

Exam Preparation SaaS Platform

- Co-developed and launched a subscription-based exam simulation SaaS with timed testing and progress analytics, acquiring **11 paying users within the first month** of launch.

Reign Models *Next.js, NestJS* | reignmodels.com

Talent Discovery & Booking Platform

- Delivered a full-stack production booking platform representing **25+ international models** in Bali, connecting a high-performance Next.js visual storefront with a custom NestJS inquiry backend.

EDUCATION

Universitas Dian Nuswantoro **Semarang, Indonesia** | Aug 2023

Bachelor of Informatics Engineering (GPA: 3.54/4.00)

Hacktiv8 **Jakarta, Indonesia** | Nov 2022

Full Stack JavaScript Immersive Program (Grade: 94.3/100)