

DZAKWAN MUFID AMZI

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Front end software engineer with more than two and a half years of experience building web applications for regulated finance, covering wealth management, investment management and gold trading for banks and financial institutions. Comfortable taking apart complicated business requirements before writing code, and open to learning new business domains.

WORK EXPERIENCE

PT Praisindo Teknologi, Jakarta Selatan

Feb 2024 - Present

Front End Software Engineer

- Handled the user interface of a primary-market gold trading system for a state-owned bullion institution, which tracks gold balances from the physical vault to each investor's holding, the system behind Indonesia's first gold ETF.
- Turned the client's design guidelines and Figma files into a shared component library and design tokens for that system, documented in Storybook.
- Developed the gold handover and trade confirmation PDFs, including the bilingual handover format, which the institution uses as the official record of physical gold handover and for reporting to the central securities depository.
- Built the role and permission management screens of a bank's wealth management system, with maker-checker approval and more than 2,000 access permissions grouped by the application's menus, plus the audit-log and user-session pages in its single sign-on platform.
- Responsible for the configurable reporting and file-generation features of the same system. A report editor on a licensed engine (Bold Reports) lets administrators change the 114-report catalogue without a code release, and one dynamic file generator serves 38 menus and reports such as tax statements, KYC files and regulatory reporting files.
- Develop the mutual fund and bond order flow in the same system, from order creation to the order list, covering subscription, redemption, switching and buy/sell netting.
- Delivered most of the fund accounting configuration screens in the company's investment management product through sprint-based development, including chart of accounts, journal scenarios, fee formulas, tax parameters, business partners, clearing house and instrument products.
- Review teammates' pull requests to keep code consistent with team standards, and help onboard new developers.

PT Praisindo Teknologi, Jakarta Selatan

Jun 2023 - Dec 2023

Frontend Developer Intern

- Customized the company's fork of an open-source single sign-on platform, adding session timeout with keep-alive checks, an audit-log page, and changes to the login and system-information pages.

PROJECTS

[Boncos](#), an Android expense and net-worth tracker

2026

React Native, Expo, TypeScript, SQLite, Zustand, Cloud Run, Pub/Sub

- Records bank transactions automatically by reading the bank's notification emails through the Gmail API and turning them into expense and income entries with an LLM.
- Keeps all data on the phone and talks to each service directly. The only server piece is a small Cloud Run relay that turns newly arrived bank emails into instant push notifications through Pub/Sub.
- Reconciles each month against the bank's official statement and recalculates every balance from its transactions, so the number on screen always matches the data.

[dzakwan.dev](#), personal portfolio and writing

2026

Next.js, React, Payload CMS, PostgreSQL, Tailwind CSS

- Self-hosted on a VPS with Nginx, PM2 and PostgreSQL behind Cloudflare, with Vitest integration tests and Playwright end-to-end tests.

EDUCATION

Universitas Brawijaya, Malang

Sep 2020 - Jan 2024

Bachelor of Information Systems, GPA 3.93 / 4.00

- MBKM Independent Study with Alterra Academy (6 months, first half of 2023), an intensive front-end engineering program that ended with ShaRecipes, a recipe-sharing web app built with React, Apollo Client and GraphQL.

SKILLS

- Technical: React, JavaScript, TypeScript, Next.js, React Native, Webpack Module Federation, Redux Toolkit, TanStack Query, Zustand, Material-UI, Tailwind CSS, Storybook, Vite, Vitest, Playwright, REST API, PostgreSQL, Git.
- Languages: Indonesian (Native), English (TOEFL ITP 557, Nov 2023).