DZAKWAN MUFID AMZI

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Front end software engineer with more than two and a half years of experience building React web applications for banks and financial institutions, across wealth management, investment management and gold trading. Most of that work turns business rules into data-dense back-office screens on backend REST APIs, where every number has to match. Designs his own interfaces on personal projects, and is open to learning new business domains.

WORK EXPERIENCE

PT Praisindo Teknologi, Jakarta Selatan Feb 2024 - Present
Front End Software Engineer

- Handled the React and TypeScript user interface of a primary-market gold trading system for a state-owned bullion institution, built with Vite, TanStack Query and TanStack Table. It tracks gold balances from the physical vault to each investor's holding and is the system behind Indonesia's first gold ETF.
- Introduced Radix UI headless primitives as the base of that system's component library, then turned the client's UI kit and Figma designs into shared components and design tokens, documented in 21 Storybook stories with the accessibility add-on. The other developers on the project reuse these components.
- Set up the project's pre-commit checks with husky and lint-staged (ESLint with zero warnings allowed, Prettier and a type check) and added TanStack Query lint rules, so lint and type errors fail the commit instead of reaching review.
- Developed the gold trade confirmation PDFs and the bilingual gold handover PDF, the official record of physical gold handover.
- Built the role and permission management screens of a bank's wealth management system on the company's single sign-on (SSO) endpoints, with maker-checker (four-eyes) approval and more than 2,000 permissions grouped by the application's menus, plus audit-log and user-session pages in the SSO platform itself.
- Develop the mutual fund and bond order flow in the same system with React and Redux against backend REST APIs, from order creation to the order list, covering subscription, redemption, switching and buy/sell netting.
- Responsible for configurable reporting in the same system, including a report editor on Bold Reports that lets administrators change a 114-report catalogue without a release and one file generator serving 38 menu items and reports.
- Delivered most of the fund accounting configuration screens in the company's investment management product, including chart of accounts, journal scenarios, fee formulas and tax parameters.
- Work inside a 39-application micro frontend platform built on Webpack Module Federation, set up three new micro frontends in it, and review teammates' pull requests for consistency.

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 early audit-log page, and changes to the login and system-information pages.

PROJECTS

dzakwan.dev, personal portfolio and writing, live since Aug 2026 2026
Next.js, React, TypeScript, Payload CMS, PostgreSQL, Tailwind CSS

- Designed in code around a physical corkboard metaphor, with written rules for hierarchy, shadows and empty states. Its accessibility rules require WCAG AA contrast, keyboard operation and reduced motion.
- Built on the Next.js App Router with view transitions and pages prerendered on the server, revalidated when content is saved in the CMS. Self-hosted on a VPS with Nginx, PM2 and PostgreSQL behind Cloudflare, tested with Vitest and Playwright.

Boncos, an Android expense and net-worth tracker 2026
React Native, Expo, TypeScript, SQLite, Zustand

- Designed its terminal-style interface and design system (colour tokens, type scale, 8px spacing) after Bloomberg's terminal, with orange used at most once per screen.
- Records bank transactions by reading the bank's notification emails through the Gmail API and turning them into entries with an LLM API, then reconciles them against the bank's official statement.

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, TypeScript, JavaScript (ES6+), Next.js (App Router), React Native, Redux Toolkit, TanStack Query, TanStack Table, Zustand, Radix UI, design systems and design tokens, Storybook, Tailwind CSS, Material-UI, Vite, Webpack Module Federation, REST APIs, Vitest, Playwright, ESLint, Prettier, husky, Git, HTML5, CSS3.
- Languages: Indonesian (Native), English (TOEFL ITP 557, Nov 2023).