HAFIDZ ZAKKY D
Senior Front End Engineer (React | TypeScript | Architecture)

Indonesia
Phone: 0813-9521-2257
Email: hafidzzakkyd@gmail.com
LinkedIn: linkedin.com/in/hafidzzakkyd
Portfolio: hafidzzakky.github.io

PROFESSIONAL SUMMARY

Senior Front End Engineer with 6+ years of experience building enterprise React and React Native applications using TypeScript. Strong focus on front-end architecture, design-system-driven development, performance optimization, SSR/SSG, SEO-aware rendering, testing, accessibility, and secure coding practices. Experienced in technical leadership, code reviews, CI/CD pipelines, and improving code quality through ESLint, SonarQube, and Lighthouse-driven performance audits.

CORE TECHNICAL SKILLS

Frontend
React, React Native, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, SASS

UI Kits & Styling
Ant Design, Material UI (MUI), DaisyUI, Tailwind CSS

Architecture & Design
Component-based architecture, reusable UI components, design systems

Performance, Rendering & SEO
Lighthouse, SSR/SSG, SEO for SPA and server-rendered applications

Testing & Accessibility
Jest, accessibility (a11y)

Frontend Tooling & Build
Vite, Webpack, Git, Docker

CI/CD, Quality & Security
GitLab CI/CD, ESLint, SonarQube, Aikido Security

PROFESSIONAL EXPERIENCE

PT. Petrosea, Tbk – Jakarta
Senior Front End Engineer | May 2020 – Present

- Owned front-end architecture for enterprise-scale React applications supporting mining operations across multiple sites.
- Led development of the Minerva SaaS platform using React, TypeScript, and Next.js, delivering scalable dashboards with SSR/SSG and contributing to an estimated 30% increase in production efficiency.
- Implemented design-system-aligned UI components using Ant Design, Material UI, DaisyUI, and Tailwind CSS to ensure consistent, reusable, and accessible UI patterns across applications.
- Integrated UI components with Redux for state management, React Router for navigation, and Axios for API communication within scalable frontend architectures.
- Built and enhanced risk monitoring dashboards, improving management response time by 20%.
- Performed frontend performance analysis and optimization using Lighthouse and browser DevTools, improving Web Vitals (LCP, CLS, INP) and overall user experience.
- Conducted code reviews, enforced best practices, implemented Jest and maintained code quality using ESLint, SonarQube, and Aikido security scanning, integrated into GitLab CI/CD pipelines.

PT. Merdeka Copper Gold, Tbk – Jakarta
Front End Engineer | Jun 2019 – May 2020

- Developed React Native applications for procurement monitoring and approvals, improving efficiency by 35%.
- Built safety and risk monitoring systems for real-time incident, inspection, and observation reporting in mining areas.
- Improved leadership response time by 20% through UI clarity, performance optimization, and responsive design.

PT. Mitra Integrasi Informatika – Jakarta
Front End Engineer | Jan 2018 – Jun 2019

- Developed React-based and hybrid mobile applications for enterprise banking clients within the BNI ecosystem.
- Built BNI Digimap, a geolocation-based merchant clustering and analysis application.
- Revamped BNI e-Absensi Mobile, improving attendance tracking accuracy using time- and location-based validation.

EDUCATION

Bachelor of Science in Informatics Engineering
Dian Nuswantoro University, Semarang — GPA: 3.3 / 4.0