Edwin Julian Sinaga

Front-End Engineer (React · Next.js · TypeScript)
Indonesia · Remote · English (Professional)
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Summary

Front-End Engineer with **4+ years of experience** building performant, data-driven web applications using React, Next.js, and TypeScript. Strong focus on **clean architecture, performance, and UX**, with experience delivering end-to-end features in remote settings.

Technical Skills

Frontend: React, Next.js (App Router), TypeScript, JavaScript, HTML5 Canvas, RxJS
UI & Visualization: D3.js, Tailwind CSS, SASS, Radix UI
Backend & Platform: Supabase (PostgreSQL, Auth, RLS, Storage), REST APIs, Docker, Vercel
Tooling & Quality: Git, GitHub Actions, Vite, Webpack, Vitest, SEO (JSON-LD, Core Web Vitals)

Selected Projects

Krypton (GitHub · Live)

React, RxJS, D3.js, HTML5 Canvas

- Developed a real-time crypto dashboard with TradingView-style interactive charts.
- Handled live data streams using RxJS, lazy loading, multi-chart drag/zoom, and smooth interaction with thousands of data points.

Katt Interior (GitHub · Live)

Next.js, TypeScript, Supabase, Tailwind CSS

- Built a production-ready platform, owning architecture, auth, CI/CD, SEO, testing, and deployment.
- Created a custom drag-and-drop blog editor for non-technical users.
- Optimized image-heavy pages using compression and SSR/ISR to improve load times.

Experience

Front-End Engineer — Independent / Contract *(2020 – Present)*

- Delivered multiple front-end and full-stack projects end-to-end.
- Made architectural decisions on state management, rendering strategy, and performance.
- Collaborated with clients and remote teams to ship scalable UI solutions.