Fadhilah Dwi Ananda

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SUMMARY

Frontend Engineer with 4+ years of experience specializing in high-performance architectures. Expert in building GIS & IoT Dashboards using Svelte and developing scalable Mobile Applications with Flutter and React Native. Proven success in delivering enterprise-grade Next.js web solutions for FinTech and E-commerce sectors. Strong track record in full SDLC management and successful App Store/Play Store deployments.

SKILLS

- **Languages & Markup: Svelte, Flutter, Next.js, React Native, React.js, Dart, TypeScript**
- **Frameworks & Libraries:** React.js, Next.js, React Native, Svelte, Tailwind CSS, Gatsby, Ionic, Redux, Jest, Node.js, Inertia.js, SvelteKit
- **Databases:** MySQL, PostgreSQL, MongoDB, Firebase
- **Dev Tools & Platforms:** Git, GitHub, Bitbucket, Jira, Vercel, Algolia, Firebase
- **Other Tools & Integrations:** Algolia (search), Google Maps API, PayPal SDK, Figma, WordPress
- **Soft Skills:** Agile Collaboration, UI/UX Implementation, Fast Learning, Clean Code Advocate

EXPERIENCE

- **PT. Merapi Tani Instrumen** • Frontend Engineer | Aug 2025 - Present
  Yogyakarta (Onsite)
  - **Develop and maintain interactive GIS dashboards using Svelte**, optimizing the rendering of complex spatial data and TopoJSON layers for high performance.
  - **Architect cross-platform mobile applications using Flutter**, ensuring a seamless user experience for monitoring agricultural data on the go.
  - **Integrate real-time IoT sensor data**, ensuring accurate, low-latency streaming and rendering of critical environmental metrics (Early Warning System).
  - **Collaborate with hardware teams** to bridge the gap between physical sensor outputs and digital monitoring platforms for agricultural precision.

- **PT. Akal Karya Indonesia** • Frontend Developer | Jan 2024 - Aug 2025
  Jakarta (Remote)
  - **End-to-End Development:** Engineered high-performance web and mobile solutions for the **KerjaCermat** HR & Payroll ecosystem using **Next.js** and **React Native**, ensuring seamless data synchronization across platforms.
  - **White-Label Architecture:** Spearheaded the development of multiple white-label mobile applications (**GardaKu, RapiKu, NotaKu, AgenKu**) using a modular codebase in **React Native**, significantly reducing time-to-market for new client onboarding.
  - **Advanced Search & Payment:** Integrated **Algolia** to optimize search performance for large datasets and implemented **PayPal SDK** for secure, global payment processing within the **SriCandy** e-commerce platform.

- **E-commerce & CMS:** Developed the **SriCandy** jewelry e-commerce app from scratch, including deep linking, crash reporting, and a centralized CMS built with **Next.js** for efficient content management.
- **Full SDLC & Deployment:** Managed the complete lifecycle of app submission, from code signing to successful publication and version updates on the **Apple App Store** and **Google Play Store**.
- **Cross-Functional Collaboration:** Partnered with backend engineers and product owners to translate complex business logic into intuitive UI/UX, maintaining high application stability and user retention.

- **CV. Technopartner Indonesia** • Frontend Developer | Aug 2021 - Nov 2023
  DI Yogyakarta (Onsite)
  - **Led the development of cross-platform applications** for iOS, Android, and PWA, ensuring optimal performance and usability.
  - **Collaborated closely with designers** to translate creative concepts and diverse business requirements into functional software products.
  - **Key Projects Developed:**
    - **Cas-Ion (EV Charging):** Engineered a robust mobile application using **React Native** featuring **GIS-based** location markers via Google Maps API and a real-time background countdown system for charging sessions.
    - **Ruparupa & Selma (E-commerce):** Optimized frontend performance for leading Indonesian retail platforms using **Next.js**, focusing on SEO, fast page loads, and seamless user journeys.
    - **Search & State Excellence:** Implemented **Algolia** to handle complex product filtering and search indexing, while managing large-scale application states using **Redux** and Context API.
    - **Platform Stability:** Integrated **Firebase** suite (Cloud Messaging, Dynamic Links, and Crashlytics) to monitor app health and maintain a 99.9% crash-free rate across iOS and Android.
    - **Sosialoka (CMS):** Developed a comprehensive Content Management System using React and Capacitor (Ionic) to streamline music marketing and talent management workflows.

EDUCATION

Amikom University, Yogyakarta • Bachelor's Degree, Computer Science | 2017 - 2021

- Member of Amikom Computer Club
- Graduated in April 2021 with a thesis titled **"Sentiment Analysis of Twitter Users on Internet Service Providers Using Support Vector Machine Algorithm"**
- GPA: 3.78/4.00

CERTIFICATES

Meta Front-End Developer Specialization • Meta | Oct 2024
Meta React Native Specialization • Meta | Oct 2024
Digital Talent Scholarship (Full Stack Developer) Certificate • KOMINFO & DTS | May 2021