

# Ari Juanda

Frontend Engineer

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## SUMMARY

Frontend Engineer with 5+ years of experience and a proven track record in optimizing web performance, refactoring legacy systems, and building scalable UI components. Eager to contribute to innovative product development, backed by a strong problem-solving foundation from a Mathematics background.

## EXPERIENCE

### Frontend Engineer · Tokopedia

Apr 2022 – Aug 2026

- Tech Owner for core e-commerce and payment features (Flash Payment, Buy X Get Coupon, Surprise Vouchers), building custom mini Product Detail Page (PDP) components and bottom sheets with benchmarking and docs.
- Led a PoC migrating the PDP from DivKit to Lynx, benchmarking server-driven UI rendering performance.
- Moved PDP workflows into the updated monorepo, improving build efficiency and developer experience.
- Increased the PDP's Add-to-Cart conversion rate by 17% and improved Review Page SEO schema by 100%.
- Collaborated with Mainland China and US teams to integrate Tokopedia with TikTok Shop in Seller Center.
- Maintain and ship features on the PDP and Review pages; helped refactor legacy JavaScript to TypeScript.

### Frontend Engineer (Part-time) · Anekapay

Dec 2022 – Apr 2023

- Led the migration of a legacy codebase from Nuxt.js to Remix.run and TypeScript, improving performance by over 100% and enhancing maintainability.
- Developed and maintained an internal dashboard, implementing new features to improve functionality and user experience.
- Participated in hiring by conducting technical assessments and interviews for junior developer candidates.

### Frontend Engineer · Shipper

Aug 2021 – Mar 2022

- Maintained a customer-facing warehouse management (WMS) web app.
- Built reusable components used across multiple teams and documented them in Storybook.
- Set up an MSW mock server to intercept network requests, so frontend engineers could mock API responses without waiting for backend development.

### Data Analyst · Amar Bank

Feb 2020 – Aug 2021

- Built an NLP model classifying Play Store reviews into multiple categories with an ~83% F1-score, and served it as a REST API using Python and Flask.
- Built product metrics dashboards in Google Data Studio to support the product team's decision-making.
- Extracted and analyzed BigQuery data for business analysis; conducted A/B tests and visualized the results.
- Partnered with the fraud team to identify fraud criteria and prevent fraudulent transactions.

## PROJECTS

**MRT Web Dashboard** — Real-time transit dashboard for the Jakarta MRT: live departure boards, an interactive rail-line map, a route planner, and live timetable simulation.

Next.js · React 19 · TypeScript · TailwindCSS · React Query · i18next · Cloudflare Workers · Cloudflare KV

**MRT Mobile App** — Universal mobile app for Jakarta MRT schedule lookup: dynamic train departure tracking, route planning, and detailed station metadata.

Expo · React Native · React 19 · TypeScript · Zustand · React Query · Cloudflare Workers · Cloudflare KV

**Financial Calculator** — A collection of frequently used financial calculators.

Remix · TypeScript · TailwindCSS · Docker

**Pokemon Web** — A web application for exploring Pokemon data.

Next.js · JavaScript · Apollo GraphQL

## SKILLS

### Languages

TypeScript, Python, Go

### Frameworks & Libraries

React, Next.js, Remix, Vue.js, TailwindCSS, Node.js, Express

### Tools

Git, Docker, MSW, Storybook, GraphQL

## EDUCATION

**Institut Teknologi Bandung** · B.Sc. in Mathematics

Aug 2015 – Jul 2019

**Hacktiv8** · Full Stack JavaScript Program (Node.js, GraphQL, React.js, Vue.js, MongoDB)

Mar 2021 – Oct 2021