

ADITYA DWI WICAKSONO

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Frontend Engineer with over 3 years of experience developing React and TypeScript applications in e-commerce and internal tooling. Skilled in creating user-friendly features, improving processes, and supporting system migrations. Experienced in collaborating with product, backend, and operations teams to deliver reliable solutions that improve usability and efficiency.

WORK EXPERIENCE

BYTEDANCE (TOKOPEDIA)

South Jakarta, Indonesia

Indonesia's largest e-commerce platform under ByteDance Group (TikTok).

Jun 2022 – Present

Software Engineer - Web Platform

- **Unified Promo Creation Tool**
Led the redesign of Tokopedia's promo generation platform, cutting human errors by 70% and improving usability with centralized inputs, validations, and simplified workflows. Enabled cross-platform support for TikTok Shop, reducing oversubsidy rates by 32% and boosting CTR (+15%) and PDP OCC (+93%).
- **MyPortal & PSM Migration Automation**
Built internal tools to automate migration of 600+ services to ByteDance infrastructure, reducing planning time from 15 days to 1 hour. Enabled 50+ parallel migrations per quarter (vs. 3 manually) and contributed to infra and monitoring cost savings exceeding \$245K/month.
- **Digital Goods Internal Tools (DG Integration, B2B2C, Recharge)**
Delivered 10+ tools to support ops, product, and backend teams — including order updaters, balance checkers, and onboarding tools — reducing CS tickets and enabling faster client integrations.
- **ByteIO Tracking Implementation**
Integrated GMV attribution tracking into key Digital Goods pages (e.g., Donasi, Zakat, Kelola Tagihan), reaching 80% coverage and empowering better business decision-making through reliable sales data.
- **Kelola Tagihan Page**
Developed Tokopedia's bill management page with dynamic rendering and retry logic, improving performance, UX, and reliability for recurring payments like PLN and BPJS.
- **Donasi Online Page**
Built a scalable, real-time donation platform with campaign partner integration, ensuring reliability during high-traffic events such as natural disasters and religious drives.

TANIFUND

South Jakarta, Indonesia

One of Indonesia's agriculture peer to peer lending platform

Sep 2021 – Feb 2022

Frontend Engineer Intern

- Developed and maintained features for Tanifund's main website and internal dashboard using Nuxt.js, Vuex, and Sass, contributing to improved usability and consistent performance.
- Wrote unit tests with Jest and Vue Test Utils to ensure code reliability, and collaborated in Agile sprints with product and backend teams to deliver high-quality releases.

ACTIVITIES

Basic Computing Community

Malang, Indonesia

Frontend Dev Member & Community Chairman

Mar 2019 – Des 2021

- Improve the current frontend development curriculum for community workshops
- Facilitate community members to gain more knowledge about the software development industry

EDUCATION

BRAWIJAYA UNIVERSITY

Malang, Indonesia

Bachelor of Computer Science

Aug 2018 - Feb 2022

Cumulative GPA: 3.74/4.0

ADDITIONAL

Technical Skills: ReactJS, Vite, NextJS, Redux, Zustand, JavaScript, TypeScript, Git, Github, HTML5, CSS3, SASS, NodeJS, NuxtJS, VueJS, GraphQL, RestAPI, Webpack, React Native, LynxJS, Jest

Certifications & Training: Modern React with Redux (Udemy), Advanced CSS and SASS (Udemy)

Languages: Indonesia, English, Japanese (JLPT N5 Certified, 2024)