

Daffa Aditya Rahman

SOFTWARE ENGINEER

Indonesia, DKI Jakarta

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Summary

Software Engineer with 2+ years building and owning React, Next.js, Node.js and Go applications for state-owned financial services, accounting SaaS, low-code platforms and AI agent systems. Hardened applications against the OWASP Top 10 and cut load times across the system, increasing user engagement by 40% and reducing infrastructure costs by 25%. Built a shared 20+ component UI library that increased team delivery by ~70%, and CI/CD pipelines with automated Playwright tests on every merge request that prevent regressions and keep code quality aligned with industry best practices.

Experience

Lawencon Internasional, placed at PT Permodalan Nasional Madani (PNM)

Jakarta, Indonesia

FRONTEND ENGINEER (CONTRACT)

May 2026 – Present

- Modernize PNM's internal systems in the Innovation division with React and Next.js frontends integrated with CodeIgniter services and SQL Server.
- Implemented a shared library of 20+ reusable UI components, increasing team delivery by ~70% (from 3–4 to 5–7 features per week) and reducing UI regressions.
- Built CI pipelines on GitLab CI and Jenkins that run Playwright end-to-end tests on every merge request, catching regressions before release.
- Hardened applications against OWASP Top 10 risks with input validation, XSS prevention and security headers, and improved page performance with code splitting, lazy loading and caching.

PT Global Sukses Solusi Tbk (Run System)

Yogyakarta, Indonesia

FRONTEND ENGINEER

December 2024 – May 2026

- Developed low-code platform and accounting system features using Next.js, Zustand, and optimized API routes, improving app responsiveness and reducing unnecessary re-renders.
- Integrated billing system & OAuth (3rd party), enabling secure payments & SSO for production users.
- Mentored team of interns on React/Next.js architecture, creating documentation that streamlined development process.
- Collaborated directly with PM on feature prioritization, shipping 3 major releases in 2 months via agile sprints.
- Built AI automation agent using Go and n8n, automating invoice processing and data entry workflows, reducing manual tasks and enabling real-time processing.

Ombudsman Republik Indonesia

Jakarta Timur, Indonesia

SOFTWARE ENGINEER (INTERNSHIP)

September 2023 – December 2023

- Led the intern team on fullstack development and code review of an office and inventory management system (Laravel + React + MySQL) with role-based access and audit logging, serving as bridge between stakeholders and dev team for 50+ users.
- Eliminated 35% tracking errors and saved 20+ manual hours/week by architecting a scalable schema and optimized SQL queries.
- Shipped to production with minimal downtime; system still in use after handover, proving reliability and real-world impact.

QQTech (PT Quantum Leap)

Surabaya City, Indonesia (Remote)

SOFTWARE ENGINEER (INTERNSHIP)

July 2023 – December 2023

- Built HRIS System, blog, and landing page systems (Laravel + Vue.js + PostgreSQL + Tailwind), delivering 3+ production apps via agile sprints with minimal latency.
- Translated 15+ Figma designs into pixel-perfect, mobile-first UIs, implementing responsive interfaces and optimizing component performance.
- Optimized Laravel/PostgreSQL queries and refactored Vue.js components, reducing response time and improving user experience across all systems.

Bangkit Academy

Bandung, Indonesia (Remote)

MOBILE DEVELOPMENT STUDENT

Feb – Jul. 2023

- Built Recyclops, the team capstone: an ML-powered Android app that classifies waste with image recognition (95% classification accuracy) and looks items up by barcode scan.
- Implemented camera capture, image preprocessing, and real-time API integration, handling low-light and multiple object scenarios.
- Collaborated with 5-person team in agile sprints, conducting peer code reviews and presenting weekly progress to Google, GoTo and Traveloka mentors.

PT Jasa Marga (Persero) Tbk

Jakarta Timur, Indonesia

IT SUPPORT

Dec. 2017 – May. 2018

- Handled day-to-day IT support across departments: hardware, networking and software installs.
- Maintained Linux servers & SQL databases, achieving 99.8% uptime and reducing deployment time 25% via automated backup scripts.

Education

Universitas Bina Sarana Informatika

Kota Bekasi, Indonesia

BACHELOR OF SOFTWARE ENGINEERING (S.KOM)

2020 - 2024

- Bachelor of Software Engineering (S.Kom), GPA: 3.91/4.00.
- Led HIMA RPL competition teams for national hackathons, delivered technical pitches and demos to 50+ engineering students

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Kota Bekasi, Indonesia

COMPUTER AND NETWORK ENGINEER

2016 - 2020

- Graduate of Vocational High School (Grade Average: 8.6 / 10).

Skills

Frontend	Next.js, React, TypeScript, Vue.js, Tailwind CSS, TanStack Query, Zustand, Vite, Radix UI, Zod
Backend	Node.js, Express.js, Go, Fiber, Laravel, CodeIgniter, Python, GraphQL, Redis, Kafka, Elasticsearch
Database	PostgreSQL, MySQL, SQL Server, SQLite, MongoDB, Prisma, Drizzle ORM, pgvector
Mobile & Desktop	Kotlin (Android), Jetpack Compose, React Native, Expo, Firebase, Electron, Tauri
Cloud & DevOps	Docker, AWS, Google Cloud, Cloudflare, Vercel, Linux, Grafana, Microservices, Git/GitHub
Testing & CI	Playwright, GitLab CI, Jenkins, CI/CD
AI & Automation	LangChain, LangGraph, MCP, RAG, Ollama, n8n
Design	Figma, Storybook, Framer Motion, Photoshop, Adobe XD
Soft Skills	Problem Solving, Communication, Teamwork, Agile, Multi-Agent AI Orchestration