

Rizky Ramadhan

Fullstack Engineer

✉ ramarizdev@gmail.com ☎ +6281366318883 📍 Jakarta, Indonesia 🌐 [rizkyrama99](#)

🔗 [ramarizdev.my.id](#)

Fullstack Engineer with strong experience delivering scalable, production-grade web systems for enterprise clients including PT Bukit Asam (MIND ID Group). Specialized in **React, Next.js, TypeScript, Node.js, REST APIs, and modern Web Architecture**. Proven track record of end-to-end feature delivery—from requirements, architecture, development, testing, to deployment. Passionate about **clean code, maintainability, performance optimization, and building real business value**.

Skills

Frontend: React.js, Next.js, Vue.js, TypeScript, Tailwind, Zustand, Redux, React Query, tRPC client, SASS, Responsive UI, Accessibility, PWA

Backend: Node.js, Express, NestJS, Prisma, TypeORM, tRPC, PostgreSQL, MongoDB, MySQL, Redis, Laravel, Spring Boot, RabbitMQ, Kafka

Architecture: REST API Design, End-to-End Type Safety, Microservices, Modular Architecture, System Design, Caching Strategies

DevOps & Tools: Docker, GitHub Actions, Nginx, Linux Server, CI/CD, Vercel Deployment, AWS (S3, EC2)

Testing: Jest, React Testing Library, Cypress, Playwright

Professional Experience

Fullstack Engineer, [Mitra Integrasi Informatika](#) 02/2025 – Present
Jakarta, Indonesia

- Delivered multiple enterprise systems used by **1,000+ participants** within PTBA (MIND ID Group), including ICT Week platform, Attendance System, and Admin Panel.
- Refactored the CISEA Care system by merging ~10 fragmented backend services into a single, modular API layer — reducing duplicated logic, improving reliability, and accelerating new feature development by 25%.
- Engineered a scalable **Spend Management System** (React + TS + React Query + Tailwind), improving data load performance by **35%** and reducing redundant API calls by **40%** through smart caching, lazy loading, and code splitting via Vite.
- Converted Figma designs into responsive, accessible, component-based UI systems, increasing development speed by **25%**.
- Implemented performance patterns including caching, error boundaries, and structured loading states.

Fullstack Developer, [PT Energi Jaring Komunikasi](#) 10/2024 – 02/2025
Jakarta, Indonesia

- Built Employee Management System reducing admin workload by 30%.
- Developed React Native location-based attendance app improving reporting by 50%.
- Implemented CI/CD pipelines reducing deployment time by 70%.
- Created monitoring dashboard improving visibility.

Freelance Mentor – Fullstack Development, [Synapse Academy](#) 08/2023 – 12/2023
Palembang, Indonesia

- Mentored **20+ students** in fullstack development using React, Node.js, Express, Laravel, and MongoDB.
- Guided students in real-world project development.

Education

Bachelor of Computer Science, Sriwijaya University

07/2017 – 12/2023
Palembang, Indonesia

- Strong foundation in Algorithms, Data Structures, OOP, Software Engineering, and Database Systems.
- Completed multiple team-based engineering projects simulating real-world SDLC and agile processes.

Projects

[Tide](#) , Project Management App

Next.js, Typescript, SSE, WebRTC, Sentry

- Built multi-tenant workspace system with role-based access control (owner/admin/member) enforced at the Server Action layer, preventing client-side permission bypass
- Implemented **real-time** task board updates and notifications via SSE and per-project WebRTC video/audio call rooms using a P2P mesh topology with simple-peer
- Integrated Stripe webhook-driven subscription billing (Free/Pro/Business) with server-side plan limit enforcement, Google OAuth, and a global ÆK command palette
- Shipped CI/CD pipeline with GitHub Actions (lint, typecheck, Vitest) and Sentry observability; optimized Core Web Vitals and deployed on Vercel with Neon serverless PostgreSQL

[Kitto POS](#) , SaaS Retail Management System

02/2025 – 06/2025

- **Built REST APIs** using **Spring Boot** to automate transaction recording and real-time inventory updates.
- **Developed backend logic** for a multi-tenant SaaS architecture to ensure secure data separation between users.
- **Integrated Spring Data JPA** to manage and synchronize stock levels across digital storefronts efficiently.
- **Implemented Spring Security** to handle user authentication and protect sensitive business transaction data.

[Quotes App](#) , Fullstack Quotes Management Platform

Next.js, TypeScript, tRPC, Prisma, React Query, PostgreSQL, Tailwind CSS

- Built a fullstack quotes platform with **end-to-end type safety** using tRPC + Prisma, reducing API contract bugs to zero.
- Implemented **React Query** for server-state management with caching, refetching, and optimistic updates to deliver a responsive UX.
- Designed a clean, scalable data model for quotes using Prisma schema and migrations.
- Deployed the app on **Vercel**, leveraging environment-based configuration for different environments (dev/prod).

Organizations

BEM Fasilkom Unsri, Staff of IT Development

04/2019 – 12/2019

- Developed a registration web application used across campus organizations using Laravel.

Languages

English — TOEFL 587

Indonesia — Native

Certificates

- [Advanced React](#) 
- [Introduction to Cloud Computing](#) 
- [HTML and CSS in depth](#) 