

Moh Rizal Alfarizi

Fullstack Engineer

Fullstack engineer building product surfaces, internal tools, and delivery-heavy systems.

rizal.alfariiziii@gmail.com Website Indonesia

Github LinkedIn Twitter

Summary

I work across product, frontend, backend, and delivery when the system needs to stay understandable after handoff.

Recent work has centered on Go, Next.js, TypeScript, Docker, and Kubernetes for customer-facing and internal systems with real operational constraints.

I have led delivery across multi-product teams and production environments where reliability matters as much as speed.

Experience

Oriskin Indonesia Freelance Fullstack Engineer

Dec 2025 to Present · Jakarta, Indonesia, remote

Leading engineering delivery across internal systems that have to hold up under real operational pressure.

- Leading engineers across four production servers, with responsibility spanning architecture, delivery, and engineering quality.
 - Building internal systems for an 80-plus-branch clinic business, including HRIS and home-service operations tools.
 - Shipped a WhatsApp broadcast system to production in a single overnight sprint when the delivery window left little room for ceremony.
 - Architecting Go services with domain-driven boundaries and OpenAPI-based integrations for Next.js frontends, while managing Docker and Kubernetes on VPS infrastructure.
-

PT Jogiia Digital Indotech Technical Lead

Feb 2025 to Mar 2026 · Yogyakarta, Indonesia

Running multi-product delivery with clearer service boundaries and steadier engineering habits.

- Led engineers across consumer-facing and internal platforms, keeping delivery moving across multiple product lines.
 - Designed Go backend services with boundaries intended to stay legible as products and teams expanded.
 - Standardized Docker and Kubernetes deployment patterns so releases became more repeatable and less fragile.
 - Introduced code review expectations, pull request workflows, and mentoring routines that improved team velocity without turning process into theatre.
-

PT Global Data Inspirasi Fullstack Developer, Freelance

Jun 2023 to Feb 2025 · Yogyakarta, Indonesia

Shaping frontend systems for analytics-heavy products with an eye on longevity, not just launch speed.

- Led frontend architecture for Robota and Windsight, two products with different analytical workflows and product constraints.
 - Migrated Robota from legacy React to Next.js App Router, using server-rendered patterns that improved maintainability and performance.
 - Set the frontend direction for Windsight with a server-component-heavy approach suited to dense analytics surfaces.
 - Built reusable UI systems with shadcn/ui, Radix UI, and Tailwind CSS to reduce friction across both products.
-

PT Jogiia Digital Indotech Frontend Developer (Next.js)

Sep 2024 to Feb 2025 · Yogyakarta, Indonesia

Building modern frontend foundations before the work expanded into broader technical leadership.

- Built and maintained production web interfaces with Next.js App Router and TypeScript across several products.
 - Helped move a legacy React architecture toward server-side rendering and React Server Component patterns.
 - Introduced TanStack Query and Zustand where state complexity justified it, keeping async flows and client state more predictable.
 - Integrated tRPC and NextAuth into type-safe application flows instead of layering on ad hoc API handling.
-

PT Nanosense Instrument Indonesia Data Scientist, Junior Developer

Aug 2022 to Dec 2022 · Yogyakarta, Indonesia

Starting in analytical tooling, where software had to support research rather than simply look polished.

- Built a Streamlit interface for e-tongue sensor analysis and data visualization.
- Worked on data processing, model experimentation, and interactive workflows for sensor research.
- Developed an early habit of treating software as an instrument for clearer decisions, not just implementation output.

Vandor

Vandor is an open organization focused on backend-oriented developer tools, documentation, and technical writing.

The current surface is intentionally narrow: ship products that are useful on their own, keep reference material close to the work, and publish the reasoning behind the decisions so the ecosystem stays understandable.

- Backend-oriented tools and workflows
- Spec-first Go templating, packaging, and CLI work
- Documentation that explains the reasoning behind the choices

Selected Projects

Oriskin Oriskin

Professional · Dec 2025 - Present

Frontend Developer

Customer-facing digital experience for Oriskin members to browse and purchase products, treatments, and care packages.

Python, Rust, Next.js, Flutter

Live project

Oriskin Home Service Oriskin

Professional · Dec 2025 - Present

Backend Engineer

Customer-facing home service appointment system for non-medical treatments at the customer's location.

KurirGo Jogjia

Professional · Feb 2025 - Present

Technical Lead

Shipping aggregator platform for sellers and general users to send packages through multiple expedition providers.

Go, Next.js

Skills

- Go
- Next.js
- TypeScript
- Tailwind CSS
- Docker
- Kubernetes
- OpenAPI
- React Server Components
- System design
- Technical leadership
- Architecture
- Delivery
- Infrastructure
- DDD
- Code review
- Frontend architecture
- Server components
- UI systems
- App Router
- State management
- Auth flows
- Streamlit
- Data analysis
- ML workflows
- Research support