ANANDA FIQRI

FULL-STACK SOFTWARE ENGINEER | BACKEND & AI SYSTEMS | TECHNICAL LEADERSHIP

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LinkedIn | GitHub | Role Mate | Digitool | Personal Website

PROFESSIONAL SUMMARY

Full-stack engineer and technical lead with 4+ years of professional experience delivering production web platforms, backend services, enterprise workflows, and AI-enabled products. Skilled in TypeScript, Go, SvelteKit, React/Next.js, PostgreSQL, distributed systems and cloud infrastructure. Experienced in owning architecture and delivery end to end, improving reliability under rising traffic, mentoring engineers, and bridging product needs with implementation decisions. Founder and hands-on developer of Role Mate, an AI-powered job-search platform, and Digitool, a digital-products marketplace.

SELECTED ENGINEERING IMPACT

- Led a 3-person engineering team at Migrantimes; moved a multi-application portfolio into a Turborepo and standardized shared SvelteKit components.
- Reduced peak server memory from about 5 GB to 200 MB (~96%) through a Next.js-to-SvelteKit migration; later supported approximately 3,000–7,000 daily visitors without the earlier out-of-memory failures.
- Modernized Indofund backend services with Go/TypeScript and measured approximately 60% lower API response times in Postman-based comparisons.
- Designed multi-level company access control and end-to-end procurement workflows for the Kenari ERP project before its launch.

TECHNICAL EXPERTISE

Languages: TypeScript, JavaScript, Go, Python, Ruby, Rust; SQL

Frontend: SvelteKit, React, Next.js, Tailwind CSS, SSR, PWA, responsive UI, SEO, Core Web Vitals

Backend & APIs: NestJS, Express, Hono, REST, gRPC/Protobuf, Go (Gin/Fiber familiarity), Ruby on Rails

Data & messaging: PostgreSQL, pgvector, PostgreSQL full-text search, MongoDB/Mongoose, Redis, MySQL, Elasticsearch, Cassandra, RabbitMQ, Kafka

AI engineering: LLM integrations, RAG, OpenAI embeddings, tool-calling/agent harnesses, structured/streaming output, Zod validation

Platform & quality: Docker, Linux, Nginx, PM2, CI/CD, AWS, GCP, Git, JWT/RBAC, Jest, Testify, unit/integration testing

PROFESSIONAL EXPERIENCE

MIGRANTIMES | Head of IT / Fullstack Engineer

Nov 2025 – Oct 2026 | Head of IT: Feb – Oct 2026 | Jakarta, Indonesia

- Owned architecture, development, production operations and prioritization across public publishing, administration and internal platforms; coordinated three engineers and worked directly with the CEO.
- Built forum.migrantimes.com, education.migrantimes.com and data.migrantimes.com; consolidated applications into a Turborepo to share code and simplify maintenance.
- Migrated core.migrantimes.com and the public site to SvelteKit so custom landing-page previews and published pages use the same components, avoiding duplicate Next.js/SvelteKit implementations.
- Reduced peak memory from ~5 GB to ~200 MB; sustained traffic increasing from roughly 1,000 daily users during OOM incidents to about 3,000–7,000 daily users near the end of tenure without recurring OOM.
- Maintained backend APIs, Redis caching/rate limiting, user-consent/privacy features, SEO-oriented SSR and deployment infrastructure with Docker, PM2, Nginx and VPS operations.

PROFESSIONAL EXPERIENCE (CONTINUED)

INDOFUND | Senior Backend Developer / Backend Developer

Jan 2023 – Dec 2025 | Senior: Aug 2024 – Dec 2025 | Jakarta, Indonesia

- Implemented and migrated Go/TypeScript backend services, including cron/scheduled processing, image handling, notifications and email; services communicated primarily through REST APIs.
- Improved average response times by approximately 60% in Postman-based API comparisons and introduced Jest tests with coverage reporting where automated coverage had not previously been in place.
- Designed the Kenari ERP data model and built purchase requests, purchase orders, approval workflows, inventory, vendor management and financing-related workflows across a multi-company hierarchy.
- Implemented JWT-based RBAC and hierarchical authorization: parent business groups could access their own child companies without crossing unrelated company boundaries.
- Introduced message-broker workflows to replace selected cron-based processing, strengthened security and query design, and supported Docker Compose environments, CI/CD, refactoring and production issue resolution.

PT RUANG CIPTA DIGITAL | Founder & Senior Full-Stack Engineer

Sep 2025 – Present | Remote, Indonesia

- Own product discovery, architecture, frontend/backend implementation, AI integration, deployment and maintenance for independent digital products, including Role Mate and Digitool.
- Built Role Mate using SvelteKit, PostgreSQL and LLM APIs, offering CV building, scoring and optimization, cover-letter generation, job discovery, job matching and online portfolios.
- Implemented relevance-oriented job matching with PostgreSQL full-text search, pgvector and OpenAI embeddings; combined user profile, CV, preferences and browsing activity as context for AI-driven assistance.
- Developed an agent harness with iterative tool execution, bounded retries and workflow orchestration, and enforced structured, streaming LLM responses with schema validation.
- Reached hundreds of registered users; continued improving SEO, platform reliability and the user experience while AI-feature usage remains at an early adoption stage.

AI MRC | Information Technology Consultant

2026 – Present | Remote, Indonesia

- Designed web-application architecture and implemented end-to-end systems with SvelteKit and Hono, including frontend/backend boundaries, deployment and maintenance.
- Guided technical decisions, monitored runtime behavior and troubleshot operational issues; applied patterns from previous multi-application platform work.

BALKAN DREAMS | Full Stack Developer

Mar 2024 – Jun 2024 | Remote | Client work under NDA

- Built frontend and backend modules for a confidential hospital ERP using Go, MongoDB and React, covering inventory/medication batches and expiry, patient workflows, appointments and billing.
- Implemented asynchronous notification processing with RabbitMQ, including retry handling for failed notifications.
- Also developed a developer-focused social application using Next.js, Tailwind CSS and Mongoose. Project descriptions remain intentionally high level to respect confidentiality.

PT SOLUSI ENERGY NUSANTARA | Fullstack Engineer

Apr 2025 – Jul 2025 | Remote, Indonesia

- Built and maintained Ruby on Rails applications from initial development through deployment; delivered new features and stability improvements for existing systems.

ADDITIONAL WORK & SELECTED PROJECTS

FREELANCE | Full Stack Engineer / Project Lead

Feb 2024 – Present | Remote

- Delivered client web/mobile development engagements, including architecture, API integrations, user interfaces and production-oriented handoff.

DAPS Official — Web platform

https://daps-official.com | Next.js, Tailwind CSS, shadcn/ui, Strapi

- Led a 3-person development team (including myself), established the technical architecture, and delivered application development and integration.

Serene Apps — Mobile health and wellbeing app

React Native, Go | Personal/client project

- Developed mobile features for locating nearby pharmacies and hospitals, mood tracking and self-assessment for stress.

FORUM GAMERS | Founder & Full-Stack Developer

Dec 2022 – Apr 2024 | Independent project

- Designed a gaming community and trading-oriented application, combining PostgreSQL, MongoDB, Cassandra, Redis and Elasticsearch for different data/search use cases.
- Used RabbitMQ and a microservices approach for distributed processing and Astro SSR for server-rendered web delivery.

DEALLS — JOBS & MENTORING | Education Mentor (Part-time)

Aug 2024 – Dec 2024 | Remote, Indonesia

- Mentored learners in skill development and goal-setting through practical guidance, feedback, resources and structured development plans.

OTHER INDEPENDENT ENGINEERING WORK

Digitool — Digital product marketplace

https://dgtool.my.id/ | PT Ruang Cipta Digital

- Architected and developed a marketplace for digital products and affiliate-oriented workflows.

traffic-tracker — Open source npm package

npmjs.com/package/traffic-tracker

- Published a JavaScript ecosystem package; maintained on a limited basis alongside other professional and product commitments.

EDUCATION & CERTIFICATIONS

Hacktiv8 Indonesia — Full Stack JavaScript Immersive Bootcamp (Jun–Nov 2022)

SMA Negeri 1 Tebing Tinggi — Science track (2018–2021)

EF SET English Certificate — B2 Upper Intermediate, score 59/100 (2025)

Google — Prompt Design in Vertex AI Skill Badge (2025)

Google Play Academy — Google Play Store Listing Certificate (2024)