

Farhan

IT Architect | Backend Engineering

riuzakif@gmail.com

+62 8575 9269 239

Summary

IT Architect and Engineering Lead with 7+ years of experience building and improving large-scale systems in the financial industry. I focus on practical architecture, backend performance, and creating systems that stay reliable as they grow. Today, I help drive technical standards and guide teams across multiple business domains. I'm known for simplifying complex problems, making clear technical decisions, and delivering solutions that create real operational impact.

Professional Highlights

- 7+ years building and improving enterprise-scale systems in financial environments.
- Delivered significant performance improvements (up to 85%) across key platforms.
- Reduced operational workloads by 60–80% through simplification and automation.
- Strong experience guiding engineers and aligning teams around clear technical direction.

Core Strengths

- System Architecture & Scalable Solution Design
- High-Volume Backend Engineering
- API Design, Integration Patterns & Data Flows
- Performance Optimization & Reliability Engineering
- Practical AI/Automation (Agentic & Retrieval-Based Workflows)
- Engineering Leadership & Technical Direction
- Observability & Operational Excellence
- Secure and Compliant System Design

Technical Skills

Languages: Python, PHP, TypeScript, JavaScript

Frameworks: Laravel, Node.js, Express, Fastify

Databases: PostgreSQL, MySQL, SQL Server, Oracle, Redis

Tools: Git, Postman, Linux, Nginx, Elasticsearch, Kibana, RPA

AI Tools: OpenAI API, Gemini, Vector DBs (pgvector), Embedding pipelines

Other: Architecture Documentation, CI/CD, Monitoring & Observability Patterns

Professional Experience

PT Bank Mega Tbk. Jakarta, Indonesia

IT Architect (2025 – Present)

- Designed architecture for several enterprise systems and ensured each design remained scalable and practical for teams to adopt.
- Established consistent engineering standards for APIs, integrations, and system reliability across multiple business domains.
- Led internal AI initiatives, introducing early agentic workflows and retrieval-based automation.
- Reviewed system designs and guided teams toward long-term maintainable solutions.
- Worked closely with leadership to align technical direction with business priorities.

Education

B.Sc. Informatics Engineering — Mercubuana University

Software Engineering (RPL) — SMK Wikrama Bogor

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Professional Experience

PT Bank Mega Tbk. Jakarta, Indonesia

Engineering Team Lead (2023 – 2025)

- Led a team delivering high-volume, high-availability platforms used across the organization.
- Simplified and redesigned major system components to reduce operational load and improve performance.
- Introduced automation and observability practices that improved issue response times and visibility.
- Helped standardize engineering approaches through reusable components and clearer documentation.
- Translated business processes into reliable, production-ready technical designs.

Technical Lead & Senior Fullstack Developer (2022 – 2023)

- Built backend services and internal tools supporting daily operations across multiple units.
- Improved system performance by restructuring data flows and optimizing backend processes.
- Ensured secure and compliant handling of sensitive data in line with audit and regulatory needs.
- Strengthened system stability with structured logging, validation checks, and error-handling patterns.
- Collaborated with product, engineering, and operations teams to deliver solutions used across the bank.

HTC Global Services. Jakarta, Indonesia

Senior Fullstack Developer (2019 – 2021)

- Developed applications for banking, telecom, and enterprise clients.
- Refactored legacy components to improve maintainability and performance.
- Worked closely with client teams to clarify needs and deliver usable solutions.
- Contributed to cross-functional projects and internal workflow improvements.

Zamasco Mitra Solusindo. Jakarta, Indonesia

Fullstack Developer (2018 – 2019)

- Built internal and client-facing applications using Laravel and related technologies.
- Designed and maintained REST APIs and database structures.
- Supported deployments and provided assistance after product release.
- Helped users adapt to new features and tooling.

Selected Project

- **System Modernization:** Redesigned key system components, improving performance and reducing operational overhead.
- **Automation & Monitoring:** Introduced automated processes and observability tools that improved system visibility and reduced manual tasks.
- **AI-Driven Internal Tools:** Built early prototypes using agentic workflows and retrieval techniques to support internal decision-making.
- **Scalable Backend Services:** Delivered backend modules supporting multiple business domains with high reliability requirements.