

FARHAN ARFIANTO

Fullstack Developer | Backend Engineer

East Jakarta, Jakarta, Indonesia | +62 896-2965-7237 | arfianto472@gmail.com | linkedin.com/in/farhanarfianto | github.com/farhanskuyyyy

PROFESSIONAL SUMMARY

Results-driven and highly collaborative Fullstack Developer and Backend Engineer with over 5 years of professional experience designing, building, and maintaining scalable web applications, high-performance API ecosystems, B2B transactional platforms, and system observability suites. Specialized in **Golang (Echo)** and **PHP (Laravel, CodeIgniter)**, with strong expertise in high-concurrency background task processing (**Asynq, Redis**), transactional databases (**PostgreSQL, MySQL**), containerization (**Docker**), API monitoring (**Grafana, Prometheus**), and modern frontend integration (**Vue.js, Next.js, React, Livewire**). Proven track record of developing complex real-time data platforms, multi-merchant payment gateways, and enterprise portals.

CORE COMPETENCIES

Programming Languages	Golang (Go), PHP, JavaScript (ES6+), TypeScript, SQL
Frameworks & Libraries	Echo (Go), Laravel, NestJS, CodeIgniter, Vue.js, Next.js, React, Livewire, Express.js
Queues & Task Processing	Asynq (Go Distributed Task Queue), Redis, Message Queues
DevOps & Observability	Docker, Grafana, Prometheus, Loki, Containerization, Git, CI/CD
Databases & Caching	PostgreSQL, MySQL, Redis, Pentaho, SQL Query Optimization, ETL
APIs & Integrations	RESTful APIs, JWT, B2B Integrations, PPOB Gateways, Payment Gateways (E-wallets, Pulsa, Game Vouchers), Supplier APIs
Development Practices	Agile/Scrum, Clean Architecture, Microservices, SDLC, Code Refactoring

PROFESSIONAL EXPERIENCE

LUMOSHIVE — Fullstack Developer (Full-time)

Jakarta, Indonesia | April 2021 – Present

- Engineered and architected **Airtime (B2B PPOB Platform)** in **Golang** and **PostgreSQL**, establishing a high-throughput engine for automated pulse, data, and utility bill disbursements.
- Implemented **Asynq** distributed task queue backed by **Redis** for asynchronous transaction dispatching, retry mechanisms, and supplier status polling with 99.9% delivery reliability.
- Engineered new features, resolved bugs, and implemented system improvements to enhance overall application stability and UX across multiple production platforms.
- Architected a high-performance backend in **Golang (Echo)** to ingest and process real-time external sports APIs, power gameweek dream team selection mechanics, and run match score prediction systems.
- Engineered **Airgift**, a robust transactional middleware connecting multiple top-up suppliers to portal merchants using **Laravel, Redis, PostgreSQL, Docker, Grafana, and Prometheus**.
- Developed and launched **Gameshop**, a dedicated consumer game top-up portal integrating multi-channel e-wallet and mobile billing payment gateways with automated voucher delivery.
- Maintained, optimized, and upgraded core modules of an enterprise-grade **HRIS** application using **Laravel** and **Livewire** (attendance monitoring, leave management, employee directory).
- Containerized applications using **Docker** to standardize development environments and implemented **Grafana/Prometheus** dashboards for real-time API request monitoring and tracking latency.
- Collaborated with and mentored team members, conducting code reviews and resolving technical blockers to maintain high code quality.

ANGGADA DUTA WISESA, PT — PHP Developer (Internship)

Jakarta, Indonesia | May 2020 – March 2021

- Designed and executed complex SQL queries to analyze data warehouse repositories using **Pentaho Data Integration**, generating actionable business insights.
- Developed new features, resolved bugs, and maintained corporate **E-Procurement** client applications built with **PHP (CodeIgniter)** and frontend JavaScript, ensuring optimal performance and secure transaction modules.

KEY PROJECTS

Airtime: B2B PPOB Transaction Platform

Technologies: Golang, PostgreSQL, Laravel, Redis, Asynq, REST API, Docker

- Engineered a robust B2B PPOB platform facilitating bulk digital product distribution (Pulsa, Data, PLN, Bill Payments) across multiple merchant clients.
- Leveraged Golang and Asynq for concurrent, non-blocking asynchronous task execution and Redis job queuing, preventing transaction bottlenecks during peak usage hours.
- Built an intuitive admin dashboard with Laravel & PostgreSQL for financial reporting, vendor balance monitoring, and automated callback handling.

Fantasy Eleven: Football Strategy & Fantasy Team Platform

Technologies: *Golang (Echo), Next.js, Redis, REST APIs*

- Developed a Golang backend ingesting external sports APIs for clubs, players, and leagues. Engineered a dynamic, gameweek-based dream team selection system and an interactive upcoming match score prediction engine, establishing a highly engaging, compliance-focused fantasy sports platform.

Airgift: Transactional Middleware & Multimerchant API

Technologies: *PHP (Laravel), Redis, PostgreSQL, Docker, Grafana, Prometheus*

- Architected and developed Airgift, a specialized middleware orchestrating transaction routing between multiple game/voucher suppliers and frontend portal merchants. Utilized Redis for asynchronous queuing, Docker for deployment containerization, and Grafana/Prometheus for latency monitoring.

Gameshop: Consumer Game Top-Up Portal

Technologies: *PHP (Laravel), MySQL, Payment Gateways*

- Developed a high-conversion game top-up web portal, integrating diverse payment methods (e-wallets, mobile credit/pulsa billing) to deliver immediate automated game voucher purchases and direct-to-account top-ups.

Enterprise Human Resource Information System (HRIS)

Technologies: *PHP (Laravel), MySQL, Livewire*

- Engineered and managed critical core modules of an enterprise HRIS web application. Successfully developed automated leave request approval pipelines, biometric and manual attendance tracking systems, and a scalable employee directory database.

EDUCATION

Universitas Indraprasta PGRI (UNINDRA) — Bachelor of Science in Information Technology Jakarta, Indonesia | 2021 – 2025

GPA: 3.61 / 4.00 | **Focus:** *PHP, Web Programming, Software Development, Database Management*

SMKN 26 Jakarta — Vocational High School Diploma in Network & System Administration Jakarta, Indonesia | July 2017 – August 2021

Focus: *Network Infrastructure, Systems Administration, IT Fundamentals*