



Yabes Theodorus

Lead Engineer · AI-Integrated Apps

EXPERIENCE

8+ Years Engineering

SPECIALTY

AI-Integrated Apps

FOUNDATION

System Design & Leadership

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Experience

Walletku — Head of IT / Lead Engineer

Dec 2017 – Jun 2026 · Jakarta, Indonesia

- **Led engineering as Head of IT** — owned the team, product roadmap, architecture decisions, and code-quality standards.
- **Designed and architected scalable systems** — microservices, event-driven workflows, and real-time data pipelines from business requirements.
- **Drove cross-functional collaboration** — bridged product, ops, and finance; ran design reviews and mentored engineers.
- **Integrated multiple payment gateways end-to-end** — checkout, webhook ingestion, idempotent transactions, and ledger reconciliation.
- **Shipped a multi-store POS & inventory platform** — real-time stock/sales sync, barcode checkout, and operator analytics.

Walden Global Services — Mobile Developer

Nov 2015 – May 2017

- **Built native Android & iOS apps for production** — collaborated closely with designers and backend engineers to deliver complete features end-to-end.

Recent Personal Projects

ApplyWise — AI-Powered Job Application Tracker

2026 · Next.js · NestJS · Prisma · PostgreSQL (Supabase) · Groq / Llama · Turborepo

AI tracker: paste job posts → Kanban tracking, auto-captured interview/assessment agenda, CV skill-gap match, and AI mock interviews.

- **Sole architect & full-stack engineer** — shipped the entire Turborepo platform (Next.js, NestJS, Prisma/Postgres) with Supabase Auth and shared Zod contracts for type safety.
- **Owned the AI layer on Groq (Llama 3.3)** — every LLM workflow from extraction and skill-gap matching to interview prep, on a review-before-write pattern.

Invoila — Multi-tenant Invoice & Payment SaaS

2026 · Next.js · NestJS · Prisma · PostgreSQL (Supabase) · Midtrans

- **Built a multi-tenant invoicing & payments platform** on NestJS & Prisma — each merchant connects their own Midtrans account, with server keys encrypted at rest (**AES-256-GCM**).
- **Integrated Midtrans end-to-end** — signature-verified webhooks, idempotent settlement, and recurring/installment billing.
- **Automated transactional email via Resend** — webhook-tracked delivery, opens, and link clicks.

Professional Summary

Lead Engineer with **8+ years** across fintech, e-commerce, and POS, recently building **LLM-integrated apps** with Groq / Llama. Strong in **system design** and technical leadership; hands-on with **NestJS, Node.js, Python, and Next.js** across scalable, event-driven architectures.

Education

Bachelor of Information Technology

Institut Teknologi Harapan Bangsa Bandung
2011–2015 · GPA 3.41

Modern Web & Motion

Next.js GSAP TypeScript

Tailwind CSS TanStack Query

Architecture & Data

Node.js Express NestJS Python

FastAPI PostgreSQL MySQL

MongoDB Redis Kafka

Microservices REST API API Design

LLM Integration Groq / Llama

Leadership & Process

System Design Code Review

Technical Roadmap Team Mentoring

ISO 27001 / VAPT Agile / Scrum

Tools & Ecosystem

Stripe (Webhooks) Midtrans (Snap)

Supabase Docker Compose

Git / CI/CD Turborepo

Claude Code & Gemini Vercel