

Otniel Simanungkalit, S.Tr.Kom

Fullstack Engineer

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SUMMARY

Fullstack Engineer with 2+ years of experience shipping production features for fintech systems, including payment transaction APIs, KYC verification pipelines, and CMS admin panels. Proficient in Go, Laravel, and React.js, with hands-on experience in microservice architecture, multi-provider integrations, and CI/CD pipelines. Currently expanding into iOS development at Apple Developer Academy Cohort 7. Open to both local and international opportunities.

SKILLS

Backend Go (Gin, Fiber), PHP (Laravel, Laravel Filament), Node.js (Express.js)

Frontend React.js, Next.js, Vue.js

Mobile Swift, SwiftUI, React Native

Databases PostgreSQL, MySQL, SQL Server

Tools Docker, Jenkins, Git, Grafana, Sentry, Postman, REST API

Cloud Azure, Alibaba Cloud, Railway, Cloudinary

Architecture Microservices, Orchestrator Pattern, Provider Abstraction, Internal API Design

Soft Skills Communication, Team Collaboration, Brainstorming & Ideation

WORK EXPERIENCE

PT RPAY Finansial Digital Indonesia (YourPay), Jakarta, Indonesia

Feb 2025 – Present

Software Engineer · Intern → Part-time → Full-time

- Architected and implemented KYC Document Checker v2, a centralized verification orchestration service in Go (Gin) that consolidates face comparison, identity data validation, and AML screening across multiple providers (Dermalog, Verihubs, Dukcapil, Sijitu); exposed as an internal API consumed by WaaS, be-yourpay, and other internal services
- Built a shared Go HTTP client library (pokedex/docchecks) for the Document Checker internal API, and integrated CMS-facing proxy endpoints in be-beedrill for operator workflows
- Integrated Xendit payment gateway into the core backend service to enable wallet top-up and bank transfer (withdrawal) from wallet, extending payment channel coverage across the platform
- Developed Wallet-as-a-Service (WaaS) frontend using React.js, including wallet dashboard, transaction history, balance management, and integration with backend wallet APIs
- Built and maintained a CMS admin panel using Laravel Filament covering customer management, identity access control, PPOB/biller configuration, KYC submission, wallet & transaction controls, fee config, and exchange rates
- Implemented server-side pagination on PPOB biller list endpoint, reducing database query load and improving page load time
- Set up Grafana dashboards and Sentry error tracking; implemented Jenkins CI/CD pipelines for automated deployment

Aleph Labs, Jakarta, Indonesia

Sep 2024 – Dec 2024

Backend Engineer Intern · IT Consultant (Multinational)

- Developed backend APIs using Laravel with SQL Server for ASTRA Honda's Mokita digital platform
- Built CMS modules including trade-in and test ride flow, motorcycle purchase flow, voucher management, and customer management
- Implemented an audit trail system using Azure to log CMS activity for compliance purposes
- Used Docker for containerization; performed code refactoring to reduce technical debt

PROJECTS

Apple Developer Academy, iOS Projects, Batam, Indonesia

Mar 2026 – Dec 2026

Swift, SwiftUI · Cohort 7, Infinite Learning

- Lana: Cycling route generator using Apple Maps and CoreLocation; users input a target distance and the app generates an optimal route
- Catat.in: Payment receipt manager using Apple's Vision framework (OCR) to scan and extract text from physical receipts via camera

- Craftit: Focus app using ARKit to display interactive 3D objects as a distraction tool for people managing cravings
- Koalafit: Workout generator that creates personalized exercise plans based on user input and fitness goals
- Marble: Screen-time app that helps reduce doomscrolling through gamification, using an evolving avatar system to reward mindful phone use, in the same space as Opal and One Sec

Pedika App

Jun – Jul 2024

Go Fiber, MySQL, Cloudinary, Railway

- Built RESTful APIs using Go Fiber for a mobile app and admin website; integrated Cloudinary for media storage and deployed on Railway

UMKM Information System, Buffalo Milk Farm

Jan – Jun 2023

Laravel, Go, MySQL · Morrah Farm, North Sumatra

- Built a full-stack system for a small farm business covering product management, inventory tracking, and order processing

EDUCATION

Institut Teknologi Del, North Sumatra, Indonesia

2021 – 2025

D4 Software Engineering Technology · GPA 3.34 / 4.00

TRAINING & BOOTCAMP

Apple Developer Academy, Cohort 7, Batam, Indonesia

Mar – Dec 2026

iOS Development with Swift & SwiftUI · Infinite Learning

Beasiswa Codepolitan Full Stack MEVN

MongoDB, Express.js, Vue.js, Node.js

CERTIFICATIONS

- Golang Basic, HackerRank
- Certificate of Competence Network Engineer, KOMINFO
- Alibaba Cloud Services, Alibaba Cloud
- Creating Web Front-End using ReactJS, Dicoding
- Web Programming Basics, Dicoding x IDCamp