

DWIKY ANGGARDA

Sidoarjo, Indonesia • dwiky.amin@gmail.com
[linkedin.com/in/dwikyanggarda](https://www.linkedin.com/in/dwikyanggarda) • github.com/DwikyAnggarda

SUMMARY

Fullstack Engineer with 4 years of full-stack experience specializing in Laravel-based REST API development, third-party system integrations, and payment infrastructure. Experienced in building and optimizing high-traffic backend systems, implementing secure payment gateway and PPOB integrations, and deploying scalable applications on AWS. Strong ownership mindset, comfortable delivering features end-to-end in lean, fast-moving teams.

WORK EXPERIENCE

Fullstack Developer (Backend Focused), CV. Hexa Integra Mandiri Jul 2021 - Des 2025

- Designed, developed, and maintained 20+ production-grade RESTful APIs using Laravel and PostgreSQL, reducing average response time by 25–30%.
- Integrated external fintech platforms including:
 - Rajabiller (PPOB / billing aggregator) for real-time bill payment services via host-to-host API communication.
 - Winpay payment gateway, implementing multi-method payments (Virtual Account, E-wallet, QRIS) including transaction validation and callback handling.
- Implemented secure API authentication mechanisms, request signing, and idempotent transaction processing to ensure reliability in payment flows.
- Developed webhook listeners and asynchronous job processing to handle third-party transaction updates and status synchronization.
- Optimized database queries (PostgreSQL/MySQL) and indexing strategies to support high-volume transaction processing.
- Deployed and maintained services on AWS (EC2, RDS).
- Collaborated in 35+ Agile sprints, consistently delivering 90% of committed features on time.
- Mentored 5–10 junior developers and provided 40+ hours of structured technical guidance.

Junior Web Developer, PT. Mutiara Solusi Cipta Des 2019 - May 2021

- Built and customized 2–3 client websites, implementing best practices for SEO, performance, and security that resulted in a 5–10% average organic traffic increase.
- Maintained 2–3 CMS-based systems, including feature integration and security patches, and successfully improved average site load times by 30% using caching and minification techniques.

Web Developer Intern, CV. Purnama Kreatifa Oct 2019 - Mar 2020

- Developed 2 core internal tools (for payment tracking and attendance management) that automated 20–40% of the previous manual data entry tasks.
 - Collaborated with a 3-person dev team over 6 months to deliver 2 functional web prototypes, gaining foundational experience in full-stack development.
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EDUCATION

D3 Informatics Engineering

Politeknik Elektronika Negeri Surabaya (PENS)

Oct 2022 - Oct 2025

TECHNICAL SKILLS

- **Frontend:** Vue, Nuxt, React, Next.js, Vuetify, Tailwind
 - **Backend:** Laravel, Express.js, Node.js, Go
 - **Database:** PostgreSQL, MySQL, Supabase, MongoDB
 - **Other Tools:** Git, Postman, Insomnia, Api Dog, Docker, AWS, GitHub Actions
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ADDITIONAL SKILLS

- **Soft Skills:** Public Speaking, Mentorship, Team Collaboration, Adaptability
 - **Languages:** Bahasa Indonesia, English (intermediate for technical reading/writing & conversation)
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CERTIFICATIONS

Guest Speaker – Focus Group Discussion (FGD)

Nov 2025

- Delivered a presentation and facilitated discussions with university lecturers in Politeknik Elektronika Negeri Surabaya (PENS).
- Delivered a two-day session on “End-to-End Real-Time Analytics for Business and IoT: Implementing Big Data Systems from Zero to Production.”
- Presented real-time data pipeline architecture, event-driven concepts, message broker (Kafka/Redpanda), and scalable database design.
- Led hands-on workshops demonstrating producer–consumer flow, Docker-based deployment, and real-time analytics dashboard using Grafana.

AWS Academy Graduate - AWS Academy Cloud Architecting

Apr 2025

- Designed highly available and fault-tolerant architectures using Auto Scaling and Elastic Load Balancing (ELB).
- Practiced deploying and managing relational databases with Amazon RDS (PostgreSQL/MySQL).
- Implemented networking and security best practices using VPC and Security Groups.

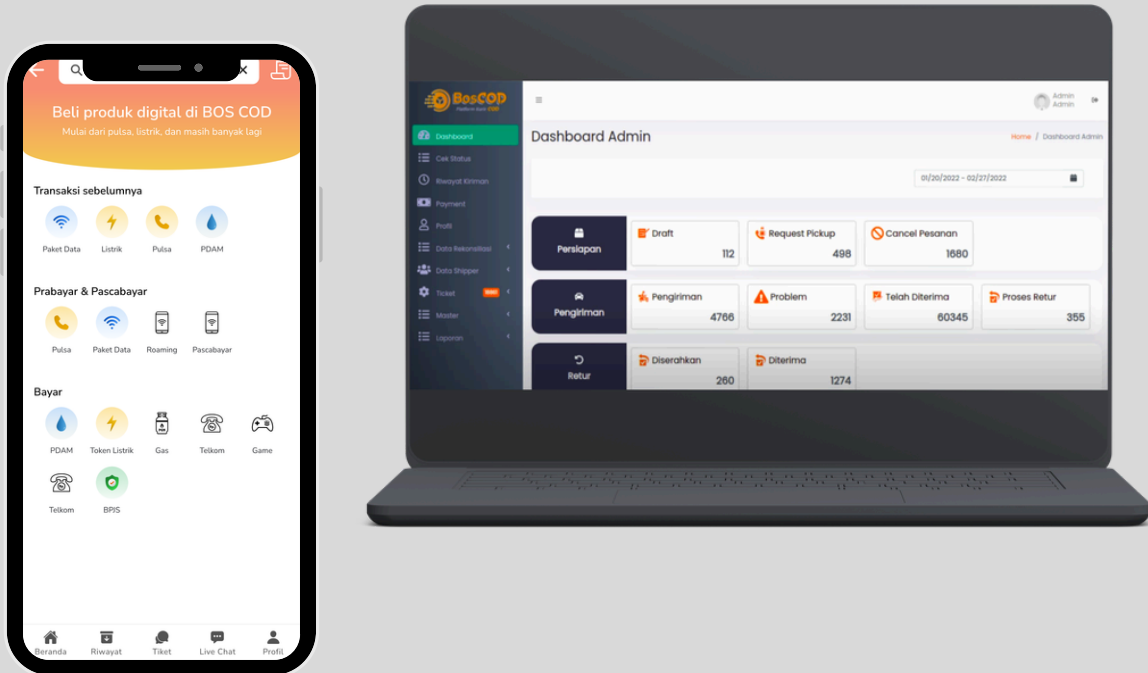
AWS Academy Graduate - AWS Academy Cloud Foundations

Jun 2024

- Practiced fundamental AWS services: EC2, S3, and Amazon VPC (virtual networking).
- Understood the Shared Responsibility Model and implemented foundational security policies using IAM.

Best Portfolio

BOSCOD Platform (2021–2023)



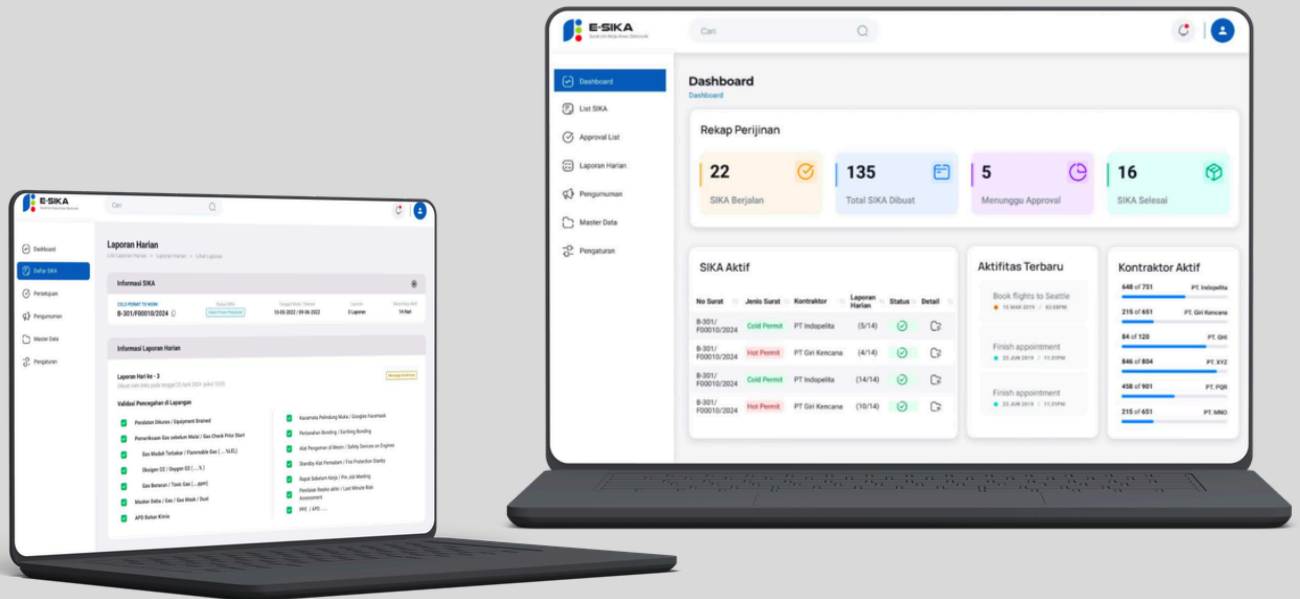
Engineered a secure delivery platform supporting 50K+ monthly transactions (COD & Non-COD). Integrated 5-9 PPOB/Payment Gateways, resulting in a 60-75% reduction in manual payment reconciliation errors through full automation.

Tech Stack

1. Codeigniter 3 (API)
2. Vue 2
3. PostgreSQL

Note: Some project details and source codes are restricted due to Non-Disclosure Agreements (NDA). Technical discussions regarding architecture and logic are welcomed during the interview.

E-SIKA Lomanis – Backend REST API (2024)



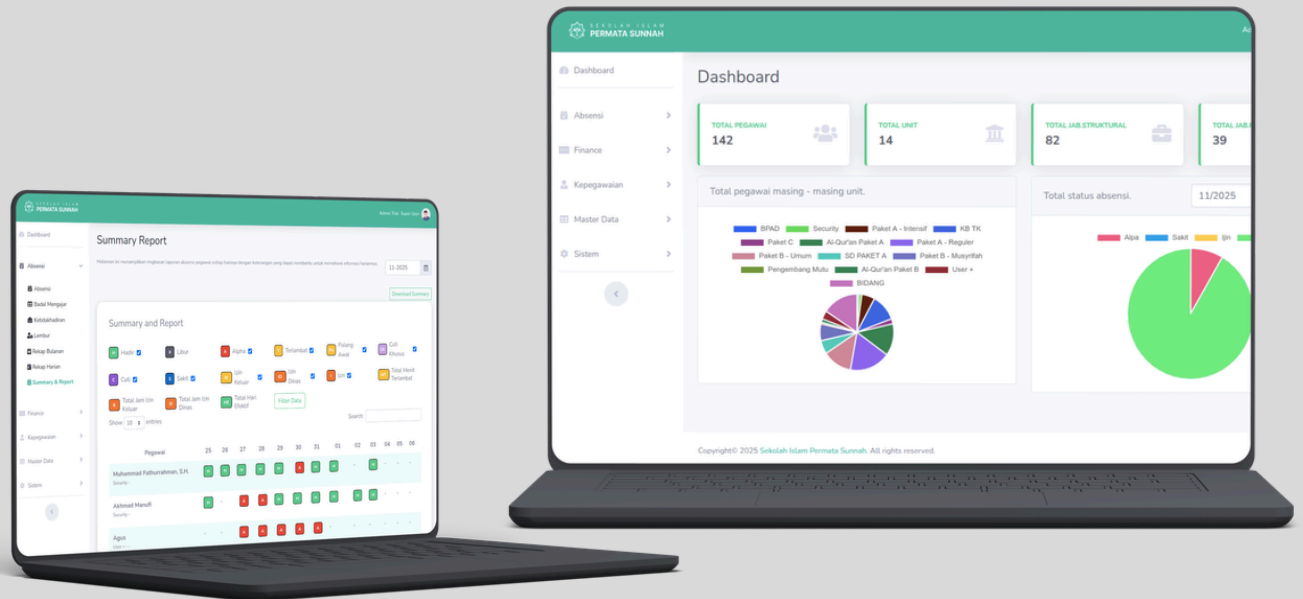
Developed the core Laravel REST API supporting 8-12 key modules for digital work permit management (e.g., submission, approval, tracking). This modernization resulted in 50-70% faster permit approval times for 100+ end-users

Tech Stack

1. Laravel (API)
2. ApiDog (API Documentation)
3. PostgreSQL

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Attendance & Payroll Application – PKBM Permata Sunnah (2024-2025)



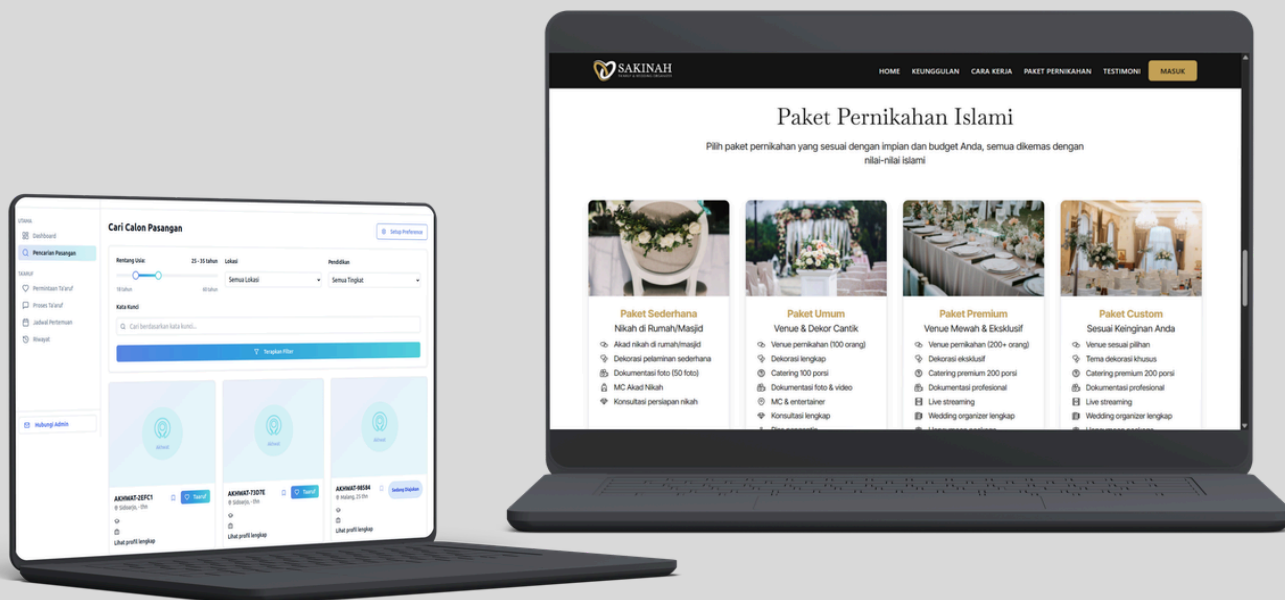
Engineered a comprehensive Employee Management System (Attendance, Leave, Payroll) for 85 employees. Focused on backend performance tuning to achieve minimal latency for attendance queries and successfully managed the complex monthly payroll calculation.

Tech Stack

- 1. Laravel Fullstack & Rest API for Mobile**
- 2. Bootstrap CSS**
- 3. PostgreSQL**

Note: Some project details and source codes are restricted due to Non-Disclosure Agreements (NDA). Technical discussions regarding architecture and logic are welcomed during the interview.

Taaruf Web Application – SakinahApp (2025)



Engineered a web-based Taaruf management platform designed to facilitate structured and privacy focused partner introductions. Designed backend architecture and database schema to handle user profiles, verification workflows, and controlled data access. Implemented secure authentication, relational data modeling, and RESTful APIs to ensure data integrity and scalability.

Tech Stack

- 1. Supabase (PostgreSQL, Auth, REST API)**
- 2. React (Vite) – Frontend**

Note: Some project details and source codes are restricted due to Non-Disclosure Agreements (NDA). Technical discussions regarding architecture and logic are welcomed during the interview.