

Rajendra Aurelius Ritmanto

Personal Data

- Address : Jl. Kuricang Raya GB.1 No 15. Sektor 3A. Bintaro Jaya Tangerang Selatan Ciputat Banten 15412.
- E-Mail : ritmanto@gmail.com
- Birth Date : 25 May 2003
- Phone Number / Whatsapp : 081298163736
- LinkedIn: <https://www.linkedin.com/in/rajendra-aurelius-3406a1217/>

Personal Summary

Organized and dependable computer engineering graduate with a strong foundation in computer science and hands-on experience building reliable, scalable applications. Proven in managing multiple priorities, collaborating with cross-functional teams, and taking ownership of features from development to delivery. Known for writing clean, maintainable code, learning new technologies quickly, and communicating effectively in diverse, distributed environments.

Academic

Indonesian International Student Mobility Awards (IISMA)

Exchange Program at The University Of Sydney - Sydney, Australia
2024

Bachelor of Engineering: Computer Engineering

Universitas Diponegoro - Tembalang, Semarang
2021 - 2025

EXPERIENCE

Software Engineer

Foom Lab Global (January 2026 - Present)

- **Led end-to-end development** of a custom B2C e-commerce platform replacing a Shopify-backed site, now deployed nationally across 80+ vape retail stores in Indonesia; owned architecture decisions across the full stack.
- **Built the frontend in Next.js**, including admin dashboards with MUI/Formik/Yup for subscription, inventory, and order management workflows used daily by store operations.
- **Designed and built the backend** in Node.js/Express with PostgreSQL (Sequelize ORM), including RESTful APIs for payments, inventory, and shipping, and schema design for new features shipped to production.
- **Integrated third-party systems end-to-end** (frontend to backend) including Odoo, Jubelio, courier APIs, and Xendit for payment processing, handling both UI flows and backend service logic.
- **Refactored a legacy internal application** to enforce a single source of truth for data, cutting storage usage by 50% and improving maintainability and performance.
- **Developed the company's internal Odoo application**, building custom features and integrations to support new operational workflows across the business.
- **Mentored an intern over 3 months**, establishing code review checklist and Git flow standards; intern independently shipped the admin-side application feature on schedule and passed UAT.

Software Engineer Intern

Aero Systems Indonesia (June 2025 - January 2026)

- **Designed and optimized database schemas** to support new automation features, including email-based ticket closing and real time alert integration, ensuring data consistency and faster query performance.
- **Automated incident reporting workflows** by integrating Elang Aero Systems alert system, enabling real time ticket creation from server alerts via JSON payload and mapping templates
- **Improved service transparency** and decision-making by redesigning dashboard visualizations (pie charts, bar charts, line graphs) to display real-time ticket insights by category, service, and priority

Back-End Developer

Meraki (Freelance Team) (March 2024 - Present)

- **Developed the backend for a production ready accounting system** for a client needing to track their expenses within the organization.
 - Implemented accounting logic of credit and debit into the system to automize company finance calculations and allowing to immediately export a digital receipt to download.
 - Integrating accounting principles with software engineering design patterns.
- **Designed and implemented a comprehensive information system** for the Senate of the Law Faculty at Universitas Diponegoro using **Laravel**:
 - Integrating an automated **facial recognition attendance tracking** with the use of REST API's

PROJECTS

Software Engineer (Co-Founder)

Qash (Point of Sales startup)

- Designed and built a **multi-tenant SaaS platform** for restaurants and cafés using **Laravel 12 + Stancel Tenancy**, implementing **path-based tenant isolation**, tenant-scoped data, and centralized tenant provisioning.
- Developed a **full-stack operational backoffice** (POS, kitchen display, waiter ordering, floor/table management with drag-and-drop & QR codes, inventory, discounts, taxes, invoice templates), securing **100+ routes** with tenant-scoped **RBAC**.
- Implemented **HRM and attendance systems** including shifts, leave, applicant tracking, and **face-recognition + geolocation attendance** via external Flask API integration.
- Integrated **Xendit payment gateway** end-to-end (checkout, webhooks, callback verification, idempotent processing) with real-time order status handling.
- Built **reporting and export services** (sales, COGS, gross profit, kitchen performance) using a dedicated service layer and streamed/Excel-style exports.

COURSES AND CERTIFICATES

IELTS English Proficiency Test

IELTS

- IELTS Band 8.0 overall valid until 2028.

Google Cloud Computing Foundations: Data, ML, and AI in Google Cloud

Google

- Introduction to cloud computing, covering infrastructure, networking, security, big data, machine learning, and AI in Google Cloud.

Cloud Practitioner Essentials

Amazon Web Services (AWS)

- Comprehensive overview of AWS Cloud covering core concepts, key services, security, architecture, pricing, AWS infrastructure, and use cases.

SKILLS

Python, Java, PHP, Javascript, Web Development, REST API, Backend Development, Frontend Development, Software Engineering, Leadership. English, Communication, Adaptability,

TOOLS

Visual Studio Code, Docker, Javascript, Node.JS, Next.JS, Express.JS, Python, Laravel, PHP, Code Igniter, PostgreSQL, MongoDB, Firebase, Github, Gitlab, Google Cloud, BigQuery