

I Made Dwika Putra Riswanda

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Profile

Backend Developer with over two years of experience designing, developing, and maintaining server-side applications for education, productivity, and public-sector systems. Strong background in backend development, building RESTful APIs, managing databases, and implementing business logic to support scalable and reliable applications using PHP and Java Spring Boot. Experienced in collaborating with cross-functional teams to deliver secure, efficient, and user-oriented backend solutions.

Work Experiences

Career Break

Jan, 2026 – Present

- Architecting **Kostanku**, a full-stack property management system using Java Spring Boot, Next.js, PostgreSQL, and Redis, covering the full development lifecycle from system design and database modeling to deployment.
- Implemented advanced features including dynamic RBAC with per-module CRUD permissions, encryption, Redis caching, JWT authorization, and a role-based dynamic navigation system.
- Achieve some certificates Java Spring Boot fundamentals and Microservices in Coursera and Udemy.

Apple Developer Academy Bali

March, 2025 – Dec 2025

iOS Developer – Part Time

- Collaborated within multidisciplinary teams at the Apple Developer Academy using the Scrum framework for conducting sprint planning, daily stand-ups, user testing, demos, and retrospectives to design, develop, and deliver user-focused iOS applications.
- Led and contributed to two App Store-published applications: **Tiqin**, a custom keyboard app for solopreneurs enabling faster replies and real-time availability insights, and **Beo**, an educational app helping autistic children aged 1–3 with object recognition and parent communication.

CV. Samanta Multi Radika

Aug, 2023 - Aug 2025

Full Stack Web Developer - Freelance

- Completed six full-stack government information systems using PHP CodeIgniter, covering employee workload mapping (921 positions), public satisfaction surveys (46 agencies), public statistics management (50+ datasets), population/civil registration CMS, urban village platforms, and a waste management billing system handling 100+ customers and 300+ monthly transactions.
- Managed the full development lifecycle across all projects from system design, database modeling, and backend/API implementation to frontend integration and deployment delivering reliable, production-ready applications used across multiple government agencies.

Binar Academy

Feb, 2023 - Jul 2023

Java Backend Engineer - Internship

- Completed a 6-month internship at Binar Academy as a Java Backend Developer, building and maintaining multiple backend applications.
- Led the backend development for a team-based flight booking service, delivering features such as CRUD booking, flight management, OTP, JWT authentication, payment, and top-up.
- Developed a personal cinema ticketing application using Java Spring Boot, implementing JWT authentication, booking flow, seat management, notifications, and invoicing.
- Achieved recognition as the **Most Progressive Student** in the batch for outstanding project performance and growth.

Projects

Kostanku

- Designed and developed a full-stack property management system for boarding houses, houses, and apartments, covering the complete development lifecycle from requirements gathering and system design to implementation and deployment.
- Architected a multi-tenant backend using Java Spring Boot, implementing Spring Security with JWT-based authentication, role-based access control (RBAC), and JPA/Hibernate for data persistence with PostgreSQL.
- Developed a responsive frontend with Next.js (App Router), utilizing Zustand for state management, TypeScript for type safety, and Tailwind CSS for UI.

FlyPal

- Developed a scalable backend application using Java Spring Boot, delivering core flight booking features including reservations, payments, notifications, and transaction management.
- Designed system architecture and built RESTful APIs with Spring Web, collaborating in a 3-member team to define and implement 7 core backend features within 1.5 months.
- Implemented secure authentication and authorization using Spring Security, JWT, OTP verification, and Google Sign-In (OAuth 2.0).
- Integrated Spring Data JPA and Hibernate for database persistence, WebSocket for real-time notifications, and JasperReports + SMTP for automated booking receipt generation and email delivery.
- Deployed and hosted the backend on Google Cloud Platform (Cloud Run), enabling containerized, scalable production deployment.

Waste Management Retribution System

- Information system for managing waste collection retribution for Sleman district government agency services.
- Provided CRUD functionality for waste collection data and automated monthly billing for each customer.
- Generated comprehensive waste volume reports on a daily, monthly, and yearly basis.
- Using CodeIgniter to create Back-End development; Bootstrap Framework for UI standard; JQuery for functional UI state; Nginx to configure the Web Service; and MariaDB for Database management.

Cinema Ticket Application

- Developed a personal cinema ticketing application using Java Spring Boot within 2 weeks.
- Designed the entire system architecture and implemented core APIs.
- Built key features including JWT authentication, booking flow, cinema seat selection, notifications, and invoice generation.
- Implemented JWT Authentication, integrated Spring JPA, Hibernate, Spring Security and Cloudinary for CDN management.

Education

UPN Veteran Yogyakarta

Aug 2020 - Nov 2024

Informatics Major

GPA: 3.71/4.00

Technical Skill

Programming Languages : Java, PHP, Go, Swift, Kotlin

Backend Technologies : Java Spring Boot, Golang, PHP CodeIgniter

Database Management : PostgreSQL, MySQL

Development Tools : Git, Github, VSCode, IntelliJ Idea, Figma, Insomnia, Miro

