

Agung Prasetyo

Backend Developer

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Summary

Detail-oriented Backend Developer with hands-on experience in building scalable RESTful APIs using Go and PostgreSQL. Proficient in clean architecture, database integration, and containerized deployment with Docker. Seeking a Junior Backend Engineer position to contribute to real-world development challenges and deliver high-quality, secure software solutions.

Skills

- **Backend Development:** Go (Golang), RESTful APIs, Clean Architecture, JWT Authentication, RBAC
- **Databases & Caching:** PostgreSQL (Schema & Queries), Redis, SQL, Database Migrations
- **Tools & Workflow:** Git, Docker, Docker Compose, Postman, Swagger/OpenAPI
- **Frontend (Basic):** Flutter, React, SvelteKit, JavaScript/TypeScript

Projects

POS Kasir – Full Stack Point of Sales - Personal Project | [Source Code](#) | [Live Demo](#)

June 2025 – Present

- **Tech Stack:** Golang (Fiber), React, PostgreSQL, Cloudflare R2, JWT, Swagger, Docker, Midtrans API
- Developed a scalable backend system for a Point of Sale (POS) application, creating **50+ RESTful API endpoints** for inventory and transaction management.
- Integrated a dynamic QRIS via **Midtrans API (Sandbox mode)**, enabling automated and secure cashless transaction processing.
- Secured application endpoints by implementing robust JWT authentication (access & refresh tokens) and Role-Based Access Control (RBAC) for **3 distinct user roles**.
- Accelerated local development setup time by **50%** by containerizing the application and database environments using Docker and Docker Compose.
- Ensured seamless frontend-backend integration by comprehensively documenting **100% of the APIs** using Swagger/OpenAPI.

GoShort – URL Shortener - Personal Project | [Source Code](#)

Mar 2025 – May 2025

- **Tech Stack:** Go, PostgreSQL, Docker, JWT
- Engineered a reliable URL shortener service capable of generating unique short links and redirecting users with minimal latency.
- Designed and integrated RESTful APIs, securing user-specific data and actions via JWT authentication.
- Deployed the application and PostgreSQL database efficiently using Docker containers.

Experience

Mobile Flutter Developer Intern

PT. Solusi Digital Handal — Yogyakarta

February 2024 – May 2024

- Converted **20+ Figma UI designs** into pixel-perfect Flutter widgets across various screen sizes.
- Integrated **5+ third-party REST APIs** using HTTP packages, ensuring smooth data retrieval.
- Streamlined application state management using the Bloc pattern, improving codebase readability and reducing debugging time.

Additional Experience

Staff Photographer

Laris Studio — Sleman, Yogyakarta

July 2021 – Present

- Handled client projects from planning to delivery, ensuring high customer satisfaction.
- Managed time and priorities effectively to meet strict deadlines.
- Developed strong discipline, responsibility, and client communication skills.

Education

Bachelor's Degree in Computer Science

Universitas Siber Muhammadiyah — Yogyakarta

March 2023 – Present