

Agung Prasetyo

Backend Developer

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Summary

Backend Developer specializing in Go and RESTful API development, with hands-on experience building production-ready systems using PostgreSQL, Redis, Docker, and JWT-based authentication. Comfortable working remotely with self-managed projects and asynchronous collaboration.

Profiles

[Github](#) [LinkedIn](#)

Projects

POS Kasir June 2025 – Present

- Designed and developed a production-ready Point of Sale (POS) system backend using Go (Fiber) and PostgreSQL, following clean architecture principles.
- Implemented JWT-based authentication with refresh token rotation, role-based access control (admin & cashier), and secure logout using token invalidation strategy.
- Built RESTful APIs for core POS workflows including product management, categories, orders, payments, discounts, and tax calculations.
- Containerized the application using Docker & Docker Compose, and exposed services securely using Cloudflare Tunnel for production-like deployment.
- Applied API documentation using Swagger/OpenAPI, database migrations, structured logging, and environment-based configuration.

Go Short May 2025

Independently designed, developed, and deployed a URL shortener, demonstrating full-cycle project management. Implemented secure RESTful APIs with JWT authentication and utilized Docker for streamlined local deployment.

Experience

PT. Solusi Digital Handal Yogyakarta

Mobile Flutter Developer Intern February 2024 - May 2024

Collaborated with the design team to translate Figma mockups into functional Flutter widgets. Integrated third-party APIs using the HTTP package and maintained a clean, scalable codebase using the Bloc pattern.

Laris Studio Sleman, Yogyakarta

Staff Photographer July 2021 - Now

- Managed client projects from conception to delivery, ensuring clear communication and adherence to deadlines.
- Collaborated effectively with team members to achieve project goals.

Education

Universitas Siber Muhammadiyah Bachelor's degree • 3.00

Computer Science Yogyakarta, Indonesia • Mar 2023 - Now

Skills

Backend Development
Go (Golang) • Fiber • REST API Design • JWT Authentication • Role-Based Access Control • Swagger/OpenAPI • Clean Architecture
Databases & Caching
PostgreSQL • Redis • SQL • Data Modeling • Database Migrations
Developer & Collaboration Tools:
Git, Docker, Postman, Firebase, Supabase.
Frontend & Fullstack
Flutter (mobile UI) • React / SvelteKit (dasar) • TypeScript / JavaScript (dasar)

Languages

English Indonesian