

DANNY ALFANDI

Full-Stack Developer

+6281333091683 • dannyalfandi@gmail.com • [Portfolio](#) • [Danny Alfandi | LinkedIn](#) • Surabaya, East Java, Indonesia
• [github.com/dannyalfandi](#) & [gitlab.com/Damast123](#)

SUMMARY

Full-Stack Developer with 3+ years of professional experience building e-commerce platforms, ERP systems, and APIs with PHP/Laravel, Magento 2, and Node.js, plus mobile apps in Flutter. At ICUBE by SIRCLO, shipped Magento 2 platforms for enterprise brands, cut client-side requests by 15% through GraphQL optimization, and delivered 3 production releases with zero critical issues. Recently building end-to-end projects with Go, Next.js, PostgreSQL/pgvector, and RAG. Open to remote full-time and freelance roles.

EXPERIENCE

Professional Development & Independent Projects Surabaya, East Java, Indonesia
09/2024 - Present

- Built two end-to-end personal projects (see Projects): an AI knowledge assistant (RAG) and an inventory & sales intelligence platform.
- Delivered two freelance projects: a company-profile website (08/2025) and an ERP system (01/2026 – 05/2026, below).
- Completed bootcamps in Node.js/Express/MongoDB (2024) and AI engineering (2025).
- Working toward JLPT N3.

UD Anugrah Sembilan Surya Surabaya, East Java, Indonesia (Remote)
Web App Developer (Freelance) 01/2026 - 05/2026

- Built inventory features with Codelgniter and SQL Server, including image management and configurable low-stock alerts based on per-brand thresholds.
- Built a sales-order retracking module using stored procedures to trace order history and improve visibility into sales operations.
- Optimized database schemas and tables as operational requirements evolved, keeping data consistent.
- Added dynamic customer and supplier contact management and improved responsive UI and sales-order forms across desktop and mobile.

PT Inaugurasi Pelangi Nusantara Surabaya, East Java, Indonesia (Remote)
Full-Stack Developer 08/2023 - 08/2024

- Migrated and modernized legacy systems into Laravel, reducing developer onboarding time by 10%.
- Refactored backend modules using Clean Architecture principles and profiling tools, improving readability and maintainability.
- Built reusable Composer packages for shared business logic, reducing code duplication across projects.
- Optimized database queries, caching, and workflows with Laravel, PostgreSQL, and REST APIs to improve response times and reduce server load.

Projects.co.id Surabaya, East Java, Indonesia (Remote)
Mobile App Developer (Part-time Freelance) 09/2021 - 01/2022

- Built a Flutter app for real-time order monitoring and sales tracking.
- Integrated customer geolocation with Syncfusion Flutter Maps to visualize customer distribution and operational coverage.
- Built order-status workflows and leaderboards for top customers and products.

ICUBE by SIRCLO Tangerang (Greater Jakarta), Indonesia (Remote)
Backend Developer (Full-time) 06/2021 - 06/2023

- Developed and launched multiple Magento 2 e-commerce platforms, supporting scalable storefront and checkout functionality.
- Optimized GraphQL APIs, reducing client-side requests by **15%** and improving data retrieval efficiency.
- Delivered **3 production releases with zero critical post-launch issues**, ensuring stable upgrades and reliable deployments.
- Containerized applications with Docker, standardizing development and reducing deployment issues.
- Automated operational workflows between integrated systems using n8n.
- Collaborated with frontend and QA teams to coordinate technical implementation and resolve integration issues across enterprise e-commerce projects.

Hiro Solution Surabaya, East Java, Indonesia
Software Engineer 03/2021 - 06/2021

- Built internal web applications with PHP and MySQL alongside engineering and UI/UX teams.
- Developed Flutter-based competition workflow applications to support operational event management.

EDUCATION

Universitas Surabaya (UBAYA) Surabaya, East Java
Bachelor's Degree in Information Systems | GPA: 3.632 / 4.000 08/2016 - 01/2021

SKILLS

Languages: PHP · JavaScript · Python · SQL · TypeScript · Go

Backend: Laravel · Node.js and Express.js · REST APIs · GraphQL · CodeIgniter · Gin · FastAPI

E-commerce: Magento 2

Frontend & Mobile: Flutter · Next.js

Databases: MySQL · PostgreSQL · MongoDB · SQL Server · Redis

DevOps & Tools: Git · GitHub · Docker · n8n · CI

AI & Data: Pandas · NumPy · Scikit-learn · Exploratory Data Analysis (EDA)

Practices: Agile Methodology · Responsive Design · Clean Architecture

PROJECTS

AI Knowledge Assistant (RAG)	08/2026
Node.js · TypeScript · Prisma · PostgreSQL + pgvector · Flutter	
- Admins upload PDFs; a pipeline extracts text, chunks it, generates embeddings, and indexes them in pgvector. - Users ask questions in natural language and get answers with source citations; includes role-based access, processing status, and an admin dashboard.	
Inventory & Sales Intelligence Platform	
github.com/dannyalfandi/AI-Powered-Inventory-Sales-Intelligence-System	07/2026
Go (Gin, GORM) · PostgreSQL · Redis · Flutter · Python FastAPI · Docker	
- Go REST API with Redis caching, a flutter mobile client, and a separate FastAPI service for demand forecasting. 1,613 automated tests running in CI.	
Company Profile Website (Freelance)	Surabaya, Indonesia
	08/2025
Laravel · Blade · Figma	
Figma-to-Laravel site with six pages, product catalog, hero slider, WhatsApp direct chat, and responsive layout.	

CERTIFICATIONS

Node.js Express, MongoDB & More: The Complete Bootcamp — Udemy · Oct 2024

AI Engineering Camp — qariracademy · Jul 2025

Belajar Dasar AI — Dicoding Indonesia · Oct 2025 - Oct 2028

EF SET English Certificate 63/100 (C1 Advanced) — EF SET · Aug 2026

LANGUAGES

Indonesian	Native	English	C1 Advanced	Japanese	(Beginner, working toward JLPT N3)
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