

DWI CANDRA ANDIKA

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Palu, Central Sulawesi

SUMMARY

Highly motivated Fullstack Web Developer with hands-on experience building scalable web applications. Proven ability in developing secure authentication systems and robust RESTful APIs using technologies like Go, Laravel, and React.

EDUCATION

Tadulako University	Palu, Indonesia
Bachelor of Informatics Engineering	Expected, 2027
Relevant Coursework: Algorithms, Data Structure, Web Development Fundamentals, API, Databases, Computer Networks	3.84

EXPERIENCE

Hammercode Palu

Backend Developer On-Site
04/2025 - Now

- Engineered the backend architecture for an LMS platform serving 200+ active users, ensuring high availability and system reliability
- Designed and managed complex database schemas (10+ relational tables) using Go, Goose, and Cobra to streamline migration workflows and data integrity
- Collaborated with the frontend team to integrate RESTful APIs, ensuring seamless data flow for critical learning features

Programming Tadulako

Mentor On-Site
2/2025- Now

- Mentored a class of 10 students in foundational web development (HTML, CSS, JS).
- Achieved a 100% completion rate, guiding all students to successfully build and deploy their own live websites from scratch.
- Conducted code reviews and provided technical feedback to foster best coding practices among beginners.

Elavera

Full Stack Software Engineer | Freelance On-Site
08/2025 - 12/2025

- Engineered a comprehensive Medical Management System (ANS Derma) using Golang and Next.js 14, streamlining operations for a dermatology clinic across 5 distinct user roles (Admin, Doctor, Pharmacist, Cashier, Manager).
- Architected the backend using Domain-Driven Design (DDD) and Clean Architecture principles with Go (Gorilla Mux, GORM), ensuring maintainability across 15+ complex domain modules.
- Developed a complex billing engine capable of handling dynamic compound medicine (racikan) pricing, automated stock deduction, and multi-tier discounts, significantly reducing manual calculation errors.
- Implemented robust security measures, including Role-Based Access Control (RBAC), JWT authentication with XSRF protection, and middleware validation to secure sensitive patient data.
- Built real-time features using WebSockets for patient queue updates and notifications, improving clinical workflow efficiency and reducing patient waiting times.
- Designed a responsive and type-safe frontend using TypeScript, Zustand for state management, and Radix UI, delivering a seamless user experience.

Orca Dental Studio

DevOps & Fullstack Engineer | FloinHub On-Site
09/2025 - 11/2025

- Developed a comprehensive web solution for a medical clinic.
- Configured and deployed the application to a Linux VPS, setting up Nginx reverse proxy and firewall rules for production security.
- Managed the CI/CD pipeline to ensure smooth updates and minimal downtime.

Lunar Interactive

Fullstack Developer | Freelance

Remote

12/2024 - 02/2025

- Developed an interactive dashboard system with complex data visualization using React and Laravel
- Optimized application performance, successfully reducing dashboard load time by ~50% (from 4s to <1s) and significantly lowering memory usage through efficient query optimization.
- Implemented real-time data handling features to enhance user experience for high-traffic monitoring pages

PROJECTS

Inverta Mind

<https://github.com/Kocannn/inverta-mind>

- Users can input free-form ideas and receive detailed AI-generated feedback, including harsh critiques and scores for originality, scalability, and feasibility.
- Implemented interactive features such as "Defend this idea", where AI justifies the idea, and "Make it better", where AI suggests improvements.
- Focused on advanced prompt engineering and state management to deliver a seamless user experience.
- Technologies Used: Next Js, Golang, Zustand, Local LLM (Ollama), PostgreSQL

Online Mentoring Platform

<https://github.com/Kocannn/Online-Mentoring>

- Built a web-based platform that connects mentees with expert mentors for structured online learning sessions.
- Implemented Zoom API integration to schedule and host virtual mentoring sessions directly within the platform.
- Integrated Midtrans payment gateway to handle secure transactions for booking sessions.
- Enabled OAuth login (Google) to simplify user onboarding and authentication.
- Designed a responsive and user-friendly interface for both mentors and mentees to manage sessions and profiles.
- Technologies Used: Next.js, Zoom API, Midtrans, OAuth 2.0, Authentication Systems

E-commerce API

<https://github.com/Kocannn/e-commerce-api>

- Developed secure endpoints with JWT-based login and session handling.
- Structured using Clean Architecture for scalability and maintainability.
- Used Gin and GORM for performant data queries with MySQL.
- Tech Stack: Golang, Gin, GORM, MySQL, JWT, CORS

SKILL

TECHNICAL SKILLS

- Languages: Go, PHP, JavaScript, TypeScript, SQL
- Frameworks: Laravel, React, Next.js, Gin, GORM
- Infrastructure & Tools: Linux (Arch/Ubuntu), VPS Management, Nginx, Docker, Git, GitHub
- Concepts: RESTful APIs, Clean Architecture, Database Design, System Optimization

SOFT SKILLS

- Teamwork & Collaboration
- Problem Solving
- Adaptability & Fast Learning
- Attention to Detail