

# 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,

3.84

Databases, Computer Networks

## EXPERIENCE

Hammercode Palu

On-Site

Backend Developer

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

On-Site

Mentor

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

On-Site

Full Stack Software Engineer | Freelance

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

On-Site

DevOps & Fullstack Engineer | FIoInHub

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

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### 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

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### 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, Goose
- Concepts: RESTful APIs, Clean Architecture, Database Design, System Optimization

### SOFT SKILLS

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