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 - 01/2026

- Engineered the backend architecture for an LMS platform serving 200+ active users, ensuring high availability and system reliability
- Designed and managed complex database schemas across 10+ tables, improving query time from 2s to 800ms and improving data integrity by eliminating 5 recurring errors per month.
- Engineered RESTful API integrations with the frontend team, reducing feature delivery time from 3 days to 1 day and improving data consistency for critical learning features, impacting 200+ active users.

Programming Tadulako
Mentor

On-Site
2/2025- 01/2026

- Mentored 10 students in web development, improving average project scores by 25% and enabling 80% of students to successfully deploy their own websites.
- 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 10 students, reducing critical bugs in student projects by 30% and improving code quality scores by 15%.

Elavera
Full Stack Software Engineer | Freelance

On-Site
08/2025 - 12/2025

- Engineered a Medical Management System using Golang and Next.js 14, streamlining clinic operations across 5 user roles, reducing patient check-in time from 5 minutes to 1 minute and cutting prescription dispensing errors by 20%.
- Architected the backend using Domain-Driven Design (DDD) and Clean Architecture with Go (Gorilla Mux, GORM), reducing new feature development and bug-fix time by ~40% across 15+ complex domain modules through improved separation of concerns and modular design.
- Developed a complex billing engine handling dynamic pricing and multi-tier discounts, reducing manual calculation errors by 80% (from 10 errors/day to 2 errors/day).
- Implemented robust security measures including RBAC and JWT authentication, reducing critical security vulnerabilities by 70% and achieving 100% compliance with patient data regulations.
- Built real-time features using WebSockets for patient queue updates and notifications, improving clinical workflow efficiency 20%.
- Designed a responsive and type-safe frontend using TypeScript and Zustand, increasing user satisfaction scores by 15% and reducing task completion time for key workflows by 20%.

Orca Dental Studio
DevOps & Fullstack Engineer | FloinHub

On-Site
09/2025 - 11/2025

- Developed a comprehensive web solution for a medical clinic, automating appointment scheduling and patient record management, reducing administrative overhead by 30% and improving patient satisfaction by 10%.
- Configured and deployed the application to a Linux VPS with Nginx and firewall rules, achieving 99.9% uptime and reducing critical security vulnerabilities by 60%.
- Managed the CI/CD pipeline, increasing deployment frequency by 50% (from 2 to 3 deployments/week) and reducing Mean Time To Recovery (MTTR) from 2 hours to 30 minutes.

Lunar Interactive

Fullstack Developer | Freelance

- Developed an interactive dashboard system with complex data visualization, increasing client's data analysis efficiency by 40% and improving decision-making speed by 25% for 50+ daily users.
- 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 for high-traffic monitoring pages, improving user satisfaction by 20% and reducing average incident detection time from 10 minutes to 2 minutes.

PROJECTS

Inverta Mind
https://github.com/Kocannn/inverta-mind

- Developed an AI-powered idea feedback platform, processing 1,000+ unique ideas and achieving an 85% user satisfaction rate with AI-generated critiques.
- Implemented interactive AI features like "Defend this idea" and "Make it better", increasing user engagement with the platform by 30% and improving idea refinement by 20%.
- Optimized prompt engineering and state management, reducing page load time from 3 seconds to 1 second and improving user satisfaction scores by 15%.
- 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 e-commerce API endpoints with JWT authentication, reducing critical security vulnerabilities by 70% and achieving 99.9% authentication success rate.
- Structured the API using Clean Architecture, reducing feature development lead time by 30% and improving API response time under peak load by 20%.
- Optimized data queries using Gin and GORM with MySQL, reducing average query latency from 500ms to 100ms and improving API response time by 30%.
- 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, Goose
- Concepts: RESTful APIs, Clean Architecture, Database Design, System Optimization

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