DANU CANDRA SAPUTRA

FULLSTACK WEB DEVELOPER | DEVOPS & PRODUCTION INFRASTRUCTURE

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PROFESSIONAL SUMMARY

Fullstack Web Developer engineering end-to-end web applications from interactive interfaces down to resilient production servers. Proficient in Next.js, React, Vue.js, Laravel, REST APIs, PostgreSQL/MySQL, Docker, CI/CD, Linux VPS, Proxmox VE, and MikroTik RouterOS to ship fast, secure, and scalable web products.

EXPERIENCE

Laboratory Assistant - Universitas PGRI Semarang Dec 2023 - Aug 2026

- Handled hardware, software, and network troubleshooting to maintain lab infrastructure readiness.
- Facilitated practical lab sessions and guided students through software tooling and technical problem-solving.

Full-Stack Web Developer - Freelance / Independent Dec 2023 - Mar 2026

- Architected, built, and deployed end-to-end web applications using Laravel, MySQL, REST APIs, & modern UI.
- Implemented authentication, RBAC authorization, relational schemas, business logic, & Payment Gateways.

Web Developer Intern - PT Mitra Aplikasi Teknologi Jan 2025 - Apr 2025

- Developed internal enterprise CRM modules using Laravel, Eloquent ORM, Blade, and MySQL.
- Executed software testing, debugging, feature validation, and collaborative version control with Git.

EDUCATION

Universitas PGRI Semarang - Bachelor of Informatics (S1) GPA: 3.84 / 4.00

Focus: Software Engineering, Information Systems, DevOps CI/CD, and Network Security.

TECHNICAL STACK

Frontend: Next.js, React, Vue.js, TypeScript, JavaScript, Tailwind CSS, Blade, Three.js / WebGL
Backend & DB: PHP, Laravel, Eloquent ORM, REST API, Payment Gateway, PostgreSQL, MySQL, MariaDB
DevOps & Infra: Linux Ubuntu Server, Docker, Docker Compose, CI/CD, VPS Deployment, Proxmox VE, MikroTik
Workflow & AI: Git, GitHub, Composer, NPM, AI Agent Setup, Custom Skills & Engineering Automation

CERTIFICATIONS

- Junior Web Programmer - LSP Universitas PGRI Semarang (2026)
- Belajar Dasar-Dasar DevOps - Dicoding Indonesia (2023)

SELECTED ACADEMIC PUBLICATIONS

- [2026] Real-Time Multi-Class DoS Attack Detection on Proxmox VMs Using LightGBM with MikroTik - SJI (UNNES)
- [2025] Implementasi CI/CD Aplikasi CRM Berbasis Web Menggunakan Laravel Di PT Mitra Aplikasi Teknologi - UPGRIS
- [2024] Sistem Informasi Geografis Tindak Kriminal Di Jawa Tengah Tahun 2019-2021 - Scientica Journal