

DIMAS SATRIO NUGROHO

Full-Stack Web Developer & Systems Engineer

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PROFESSIONAL SUMMARY

Detail-oriented Full-Stack Web Developer and Computer Science graduate from Universitas Pamulang (**Cum Laude**, GPA **3.58 / 4.00**, perfect final semester GPA **4.00 / 4.00**). Hands-on experience developing mission-critical web applications, operational management systems, and cross-platform mobile solutions using **Laravel**, **PHP**, **MySQL**, **JavaScript**, and **Flutter**. Proficient in designing normalized database schemas, building secure RESTful APIs, implementing role-based access controls, and mentoring engineering students.

TECHNICAL SKILLS

Backend Development: PHP, Laravel, Node.js, Express, RESTful APIs, OOP, MVC Architecture, Authentication (RBAC)
Frontend & Mobile: JavaScript (ES6+), Flutter, Dart, React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design
Database & Storage: MySQL, PostgreSQL, Relational Database Normalization, Query Optimization, Database Migrations
Tools, Audio & DevOps: Git, GitHub, Postman, Laragon, XAMPP, OBS Studio, Audio Hardware & Mixing, Linux CLI, Vercel

PROFESSIONAL EXPERIENCE

Freelance Web & Mobile Developer — Self-Employed 2023 – Present

- Engineered end-to-end web applications and management systems for clients and MSMEs utilizing **Laravel**, **PHP**, **MySQL**, and **Tailwind CSS**, improving daily operational workflows.
- Built cross-platform mobile application prototypes and workflow solutions using **Flutter** and **Dart** integrated with RESTful APIs.
- Consulted directly with stakeholders to translate business logic into 3NF normalized schemas, automated calculation logic, dynamic data filtering, and automated PDF export reports.

Mentor & Program Organizer — DevNest, Universitas Pamulang Jan 2025 – Present

- Mentored cohort participants in developing project-based web and mobile applications using industry-standard engineering practices.
- Conducted code reviews, guided technical problem-solving sessions, and assisted students in debugging complex algorithmic and database queries.

Web Developer — PT Multi Akses Jaya 2024

- Developed and deployed the official corporate web portal and digital product catalog (**multiaksesjaya.com**) for nuclear medicine and radiation safety equipment.
- Implemented bilingual content architecture (English/Indonesian), mobile-first responsive layout, and integrated customer inquiry pipelines with SEO best practices.

Podcast Technical & Audio Engineer — Podcast Production Jan 2024 – Present

- Engineered end-to-end studio sound systems, multi-microphone signal routing, audio interfaces, and **OBS Studio** to guarantee broadcast-grade acoustic clarity across live and recorded sessions.

KEY PROJECTS

BS-Finance — Financial & Operational Management System Laravel, PHP, MySQL, Tailwind CSS

- Architected a multi-tenant accounting platform featuring automated double-entry journal entries, real-time revenue analytics, role-based access control, and dynamic balance sheet reporting.

SIDIJAD — Distribution & Inventory Management System Laravel, PHP, MySQL, Bootstrap

- Built an operational distribution tracker for retail beverage products with real-time stock monitoring, automated invoice generation, and courier route optimization.

Aplikasi Gaji Karyawan — Payroll Automation Application PHP, MySQL, CSS3

- Developed an automated salary computation system calculating base pay, tax deductions, bonuses, and generating official printable employee pay slips.

EDUCATION & CERTIFICATIONS

Universitas Pamulang — S1 Teknik Informatika (Bachelor of Computer Science) ★ Cum Laude 2022 – 2026

GPA: **3.58 / 4.00** (Final Semester GPA: **4.00 / 4.00**) · Assistant Laboratory (Aslab) IT Faculty (2022–2024)

BNSP Certified Programmer — National Professional Certification Agency (Badan Nasional Sertifikasi Profesi) 2024

Demonstrated proficiency in algorithmic problem solving, software design, normalized relational data models, and clean programming standards.