

DAFFA RAMADHAN MAULANA

Fullstack Engineer | Software Engineer | Backend Developer | Frontend Developer

Bandung, Indonesia • +62 812 2104 9828 • daffaramadhan929@gmail.com • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

PROFESSIONAL SUMMARY

Results-driven Fullstack Developer with 2+ years of hands-on experience designing and delivering scalable, production-grade web applications. Proficient in Laravel, AdonisJS, Express.js, TypeScript, and PostgreSQL with demonstrated expertise in REST API development, real-time WebSocket integration, and clean architecture principles. Delivered a national-scale military psychology platform serving thousands of users across Indonesia. Recognized as 1st Place winner in a national web development competition.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, Golang (Basic), HTML5, CSS3

Frameworks & Libraries: Laravel, AdonisJS, Express.js, TailwindCSS, Bootstrap 5

Databases: PostgreSQL, MySQL

Tools & Technologies: REST API Development, WebSocket (Real-Time), Git, Clean Architecture, MVC Pattern, Role-Based Access Control (RBAC), Query Optimization, Caching, Web3

WORK EXPERIENCE

Junior Fullstack Developer

Sep 2025 – Nov 2025

PT Dwi Purwa Teknologi | Bandung, Indonesia

- Developed HI PSI, a national-scale military psychology platform serving thousands of active users across Indonesia, ensuring high availability and data integrity under load.
- Engineered real-time interactive assessment features using Laravel 12 and WebSocket, significantly reducing data latency and improving user engagement.
- Designed and maintained a RESTful API architecture integrated with PostgreSQL, enabling secure, role-based access control (RBAC) for sensitive institutional data.
- Delivered a production-ready fullstack web application with a clean, accessible front-end UI using Bootstrap 5, meeting institutional UX standards.
- Optimized application performance through SQL query tuning and caching strategies.

Tech Stack: Laravel 12, WebSocket, Bootstrap 5, PostgreSQL, REST API

Freelance Fullstack Developer

Sep 2025 – Present

Self-Employed | Remote

- Deliver end-to-end web application development for multiple clients — from requirement gathering and system design through deployment and post-launch support.
- Build scalable backend systems using Laravel and AdonisJS, paired with responsive front-end interfaces using TailwindCSS and JavaScript, managing up to 5 concurrent client projects.
- Maintain full project ownership and client communication, consistently achieving on-time delivery with measurable business impact.

Tech Stack: Laravel, AdonisJS, Express.js, TailwindCSS, MySQL, PostgreSQL, REST API

PROJECTS

Project Flow — Integrated Business Ecosystem Platform

2026

Fullstack Developer | [cuanflow.qzz.io](#)

- Engineered a SaaS-level integrated business ecosystem platform consolidating operational management, marketing workflows, and financial tracking into a unified system.
- Implemented data-driven decision features and automated workflow modules that reduce manual overhead, improving overall business efficiency for client teams.
- Integrated LLM-powered capabilities to support intelligent insights and task automation.

Tech Stack: Laravel 12, JavaScript, Tailwind CSS, MySQL, LLM Integration, REST API

Dexa — Computer Based Test (CBT) Application

2025

Fullstack Developer

- Built a reliable, web-based Computer Based Test system supporting structured and scalable digital examination workflows for educational institutions.
- Implemented role-based access control for administrators, instructors, and students, with automated exam scheduling, real-time submission handling, and result generation.
- Designed a scalable backend architecture capable of handling concurrent exam sessions with consistent performance.

Tech Stack: Laravel 12, JavaScript, Bootstrap, MySQL, REST API

Invas — School Inventory Management System

2025

Fullstack Developer | SMK Assalaam Bandung

- Developed a full-featured inventory management system for a vocational school, digitizing previously manual asset tracking and logistics processes.
- Enabled real-time asset monitoring, stock reporting, and item lifecycle management — reducing inventory discrepancies and improving logistics efficiency.
- Delivered a clean, role-based web application actively used by school administrators and staff.

Tech Stack: Laravel 12, Bootstrap, MySQL, REST API

HI PSI — National Military Psychology Platform

2025

Fullstack Developer | PT Dwi Purwa Teknologi

- Contributed to a nationally deployed psychology assessment platform for Indonesia's military organization, supporting thousands of end-users.
- Implemented real-time WebSocket communication for live assessment data flow and interactive session management.
- Engineered secure user authentication and granular role-based access control (RBAC) to protect highly sensitive institutional data.

Tech Stack: Laravel 12, WebSocket, Bootstrap 5, PostgreSQL, REST API

EDUCATION

SMK Assalaam Bandung

Jun 2023 – May 2026

Vocational High School — Software Engineering (Rekayasa Perangkat Lunak)

- 3-year intensive program covering object-oriented programming, database management, software engineering principles, and full-stack web development.

ACHIEVEMENTS & AWARDS

- 1st Place — LKS (Lomba Kompetensi Siswa) Web Development, Kabupaten Bandung Level (2026): Demonstrated outstanding technical competency in web development at the district competition level.
- 1st Place — Innoventure 2025 National Web Development Competition (August 2025): Delivered an innovative web solution judged on technical execution, scalability, and real-world impact among competing national teams.
- 3rd Place — FLS3N Journalism Competition, Kabupaten Bandung Level (June 2025): Recognized for exceptional writing quality, creative storytelling, and impactful communication in a competitive district-level contest.