I Made Hermanto

FULL-STACK WEB DEVELOPER AND MACHINE LEARNING ENTHUSIAST

hermantoimade45@gmail.com | +62 895-6306-87322 | Bali, Indonesia
linkedin.com/in/imadehermanto/ | github.com/imadehermanto | imadehermanto.my.id

PROFESSIONAL SUMMARY

Bridging modern web architectures, intuitive user interfaces, and applied machine learning to deliver fast, resilient, and impactful digital experiences. Proven expertise in engineering high-performance backend systems, designing scalable database architectures, developing RESTful APIs, and implementing production-ready machine learning & deep learning models. Demonstrated track record of technical leadership, open-source development, and translating complex business requirements into resilient, secure, and maintainable enterprise software.

WORK EXPERIENCE

Technical Lead
Oktober 2024 – Sekarang

Mataverse Indonesia

- As a Technical Lead at Mataverse Indonesia, I am responsible for leading technical development, overseeing software engineering activities, and ensuring the successful design, development, and deployment of innovative technology solutions.
- My responsibilities include defining system architecture, making technical decisions, coordinating development tasks, reviewing code quality, and ensuring that projects are delivered efficiently while maintaining scalability, security, and reliability.
- In addition to my leadership responsibilities, I remain actively involved in hands-on development, particularly in backend engineering, system integration, and artificial intelligence.
- I contribute to designing and implementing software solutions, developing machine learning and deep learning models, optimizing system performance, and managing application deployment and infrastructure.
- I also collaborate closely with team members and stakeholders to translate business requirements into practical technical solutions, provide technical guidance, resolve complex development challenges, and continuously improve engineering workflows.
- Through a combination of technical leadership, hands-on engineering, and a research-driven approach, I strive to deliver reliable, scalable, and impactful digital solutions that support the company's growth and innovation.

Software Creator & Open-Source Maintainer
Desember 2020 – Sekarang

Open-Source & AI Research

- Built and open-sourced developer tools and Laravel Filament packages including filaprogress, TaskPilot, and POS.
- Conducted machine learning experiments in computer vision and classification.

Full-Stack Web Developer & Systems Architect
Agustus 2019 – Sekarang

Freelance & Digital Solutions

- Architected, developed, and deployed 30+ client web applications and community portals using PHP/Laravel, Node.js, Express, MySQL, Nginx, and Docker.
- Handled end-to-end delivery from database modeling to cloud production deployment.

Backend Developer
Mei 2023 – Desember 2024

PT Global Digital Verse

- As a Backend Developer at PT Global Digital Verse, I was responsible for designing, developing, and maintaining robust, secure, and scalable backend systems to support web applications and digital solutions across various business needs.
- My responsibilities included developing and optimizing RESTful APIs, designing database structures, implementing business logic, managing system integrations, and ensuring efficient communication between frontend applications and backend services.
- I focused on improving application performance, maintaining data integrity, strengthening system security, and delivering reliable solutions that support seamless business operations.
- In addition to backend development, I was involved in application deployment, server configuration, database management, and troubleshooting production environments to ensure system stability and availability.
- I collaborated closely with frontend developers, designers, and other team members to translate technical requirements into functional, maintainable, and scalable applications.
- Through this role, I strengthened my expertise in backend architecture, API development, database optimization, and server management while gaining valuable experience in delivering production-ready software solutions.
- This experience also established a strong technical foundation for my progression into machine learning engineering and technical leadership.

IT Staff
September 2021 – Juli 2022

CV Mitra Adidaya Medical

- As an IT Staff member at CV Mitra Adidaya Medical, I was responsible for designing and developing integrated information systems to support the company's digital transformation and improve operational efficiency, particularly in manufacturing and business management processes.
- My responsibilities included developing essential business modules such as inventory management, production management, sales transaction processing, accounting, and financial reporting.
- These modules were designed to work seamlessly together, ensuring data consistency, streamlining workflows, and improving the accuracy and efficiency of daily business operations.
- Through this role, I gained valuable experience in business requirements analysis, system architecture design, software development, and business process optimization.
- I focused on delivering practical, reliable, and scalable technology solutions that supported the company's operational needs and long-term business growth.

UI/UX Designer & IT Support
2019 — 2020

Uinvited

- Designed user-centric digital interfaces and invitation layouts, assisted customer technical onboarding, and managed web infrastructure reliability.

EDUCATION & CREDENTIALS

Bachelor of Computer Science (S.Kom.) in Information Systems
2020 — 2024

ITB STIKOM Bali

- Graduated with strong foundations in software architecture, database management, and computer vision.
- Co-authored an internationally published research dataset in Elsevier Data in Brief focusing on deep learning action recognition for Balinese traditional dance.

Vocational Diploma in Software Engineering (RPL)
2017 — 2020

SMK Negeri 1 Mas Ubud

- Specialized in web application development and algorithms.
- Chaired the student software engineering community, achieved 1st rank in class, and represented the school in 3 programming and web competitions.

TECHNICAL SKILLS

AI & Data Science: Python & Machine Learning, Computer Vision & Deep Learning

Backend & Core: PHP & Laravel Framework, FilamentPHP Admin Ecosystem, Node.js & Express.js, MySQL & Database Design

DevOps & Infrastructure: Linux Server & Nginx Management, Docker & Git CI/CD Pipelines

Frontend Development: JavaScript (ESNext) & TypeScript, React.js & Vue.js, Tailwind CSS & Modern UI, Responsive & Mobile-First Web