

JERY HARDIANTO

Full-Stack Engineer

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 4+ years of experience designing scalable web applications and managing the cloud infrastructure beneath them. Specialized in healthcare information systems and multi-tenant SaaS platforms using Go, TypeScript, Laravel, and Next.js. Delivered electronic medical record systems used by 500+ dental clinics, improving records efficiency by 40%, and reduced platform downtime by 30% through scalable GCP infrastructure and Wazuh security monitoring. Strong depth in application development and DevOps practice.

TECHNICAL SKILLS

Backend: Go, Python, FastAPI, PHP, Laravel, Livewire, Filament, Codelgniter, FrankenPHP, Inertia.js

Frontend: TypeScript, JavaScript, Next.js, React, Svelte, jQuery, Tailwind CSS, Bootstrap, CSS

Databases: SQL, MySQL, PostgreSQL, SQLite, Firebase, Cloud Firestore, Supabase

Cloud & DevOps: Google Cloud Platform (GCP), S3 Bucket, Google Cloud Storage, VPS (Ubuntu, Debian), Docker, Nginx, Cloudflare, CI/CD Automation, GitHub Actions, GitLab CI/CD, Wazuh (SIEM)

Tools: Git, GitHub, GitLab, VS Code, Postman, Slack, Trello, ClickUp, TablePlus

Practices: Agile (Scrum, Kanban), API Integration, Database Optimization, Security Monitoring and Incident Detection, Web Server Configuration and Optimization

PROFESSIONAL EXPERIENCE

Full-Stack Engineer — Carigi Indonesia

Yogyakarta, Indonesia | June 2023 – Present

- Developed e-RME (Electronic Medical Records) and Asgard Nusantara for dental clinics, improving records efficiency by 40% across 500+ clinics.
- Designed and shipped custom features for PDGI's national e-RME platform, enhancing clinical workflows and reporting.
- Delivered a secure e-Voting system for PDGI supporting 1,000+ members, with end-to-end encryption.
- Built the Asgard Nusantara web application for IKGM-IKGP, Faculty of Dentistry, Universitas Gadjah Mada.
- Deployed scalable GCP infrastructure with Wazuh monitoring, reducing downtime by 30% and strengthening threat detection.
- Integrated clinical systems with SATUSEHAT, the Indonesian national health data platform.

Full-Stack Engineer (Freelance) — Dinas Pendidikan Kabupaten Malinau

Malinau, Indonesia | September 2022 – November 2022

- Developed and launched the Malinau Education Office website, improving public information access by 60%.
- Integrated Slack for real-time monitoring and logging, cutting average issue detection and resolution time by 35%.
- Configured and deployed applications on VPS, achieving 99.9% uptime with secure, high-performance hosting.

Full-Stack Engineer (Freelance) — Independent

Indonesia | February 2022 – August 2022

- Built and deployed the Noobiedev website end to end, covering database design, backend and frontend integration, and an admin panel using PHP MVC and MySQL.
- Developed and optimized the ArrowArchitect website with full-stack scope on PHP MVC and MySQL.
- Created and maintained the official website for the North Kalimantan D.I. Yogyakarta Student Association using Codelgniter 3 and MySQL.

Web Developer — Horus Technology

Yogyakarta, Indonesia | November 2020 – July 2022

- Developed web applications to project requirements, delivering 100% of modules on time.
- Enhanced features in existing applications, improving performance by 20% and usability scores in internal testing.
- Performed manual testing, detecting 95% of bugs before deployment.
- Diagnosed and resolved application issues, and provided user training and technical support.

SELECTED PROJECTS

- **e-RME — Electronic Medical Records (Healthcare):** Medical records and clinic management platform serving 500+ dental clinics with a 40% gain in records efficiency. Laravel, Livewire, MySQL, GCP, SATUSEHAT.
- **PDGI e-Voting (Healthcare):** Secure nationwide association election platform with end-to-end encryption. Go, Next.js, PostgreSQL.
- **Sobat Sekolah (Enterprise System):** School attendance system recording student entry and exit via RFID or QR scan with photo proof and automated monthly reports. Laravel, Inertia.js, Svelte, Tailwind, Cloudflare.
- **Fund Request Management System (Enterprise System):** Financial application digitalizing fund request and approval workflows. Laravel, Filament, MySQL, Docker, CI/CD Automation.
- **LongSend — WhatsApp Gateway (Web App):** Bulk messaging, scheduling, contact management, and webhook integration dashboard. Go, React, TypeScript, SQLite, WhatsApp API.
- **SAPA — Customer Satisfaction Analysis (Web App):** Machine-learning application classifying customer satisfaction using a Support Vector Machine across five SERVQUAL dimensions. FastAPI, scikit-learn, Chart.js, Docker.
- **LalanAt — Road Damage Reporting (Web App):** Civic platform for reporting road damage and tracking repair progress for local government. Next.js, TypeScript, Supabase, Cloudflare.
- **Body Car Damage (Mobile):** Android application classifying car body damage severity with a Convolutional Neural Network. Java, Python, TensorFlow, Android.

EDUCATION

Bachelor of Informatics — Respati University Yogyakarta

Yogyakarta, Indonesia | 2016 – 2020 | GPA 3.47 / 4.00

- Focused on software development, information systems, and deep learning.
- Silver Medal, Innovation Technology Festival (IT Fest), Universitas Ahmad Dahlan.
- Active in student tech communities and programming competitions.

CERTIFICATIONS

- Professional Academy — Golang

ADDITIONAL INFORMATION

Member of Blataktch, a development team delivering enterprise systems, web applications, and company profile sites. Languages: Indonesian (native), English (professional working proficiency).