

ARJU NAJA MUHAMMAD

Software Engineer

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Education

Universitas Indonesia
Bachelor of Computer Science

07/2022 - Present

Experience

PT. D&W Internasional
Software Engineer

(On-site) Cirebon, Indonesia
2025 - Present

- Developed and maintained fullstack web application features using **Laravel** and **CodeIgniter**.
- Managed and queried relational databases, including **PostgreSQL** and **MariaDB**, to support application functionality.
- Utilized **Docker** to create and manage consistent, containerized local development environments.
- Assisted in troubleshooting, bug-fixing, and testing new features across the full software development lifecycle.

PT. Media Inovasi Strategis
Technology Lead

(Hybrid) Jakarta, Indonesia
2025 - Present

- Led **full-cycle technical direction**, owning the architecture, development, and deployment of fullstack applications.
- Engineered and maintained **scalable server** infrastructure, implementing robust server security protocols and best practices.
- Managed and **containerized applications** using Docker, building and automating CI/CD pipelines for efficient, reliable deployments.
- **Mentored engineering team**, enforced coding standards, and **led code reviews** across the entire technology stack.

Skills

Languages: Python • Java • JavaScript • TypeScript • Go • PHP

Frameworks:

Next.js • Vue.js • Node.js • React • Django • Springboot • Express.js • Nest.js • Go Gin • CodeIgniter • Laravel • PostgreSQL • MySQL • MongoDB

Tools: Git • n8n • Figma • Framer • Docker • Postman • Prometheus • Grafana • Sentry • Google Cloud • AWS • Vercel • Netlify

Projects

Lapor PMII

<https://lapor.pmiid.id>
07/2025 - Present

Lapor PMII is a nationwide digital platform designed to streamline organizational reporting and member feedback collection through an accessible chatbot interface on WhatsApp and Telegram. Orchestrated via n8n, the system integrates a Generative AI model to automate intent classification and provide real-time, context-aware responses, effectively serving members across Indonesia.

- **n8n, Turbo.js, Go Gin, PSQL**

Garuda Labs

<https://garudalabs.id>
07/2025 - Present

Garudalabs.id is a comprehensive digital agency specializing in high-performance web development and custom software solutions for B2B and B2C clients. Leveraging a modern tech stack, the platform delivers scalable digital ecosystems and robust SaaS applications. Integrates advanced business automation workflows using n8n and AI models.

- **n8n, Next.js, PSQL**

Meds Vending Machine Web App

<https://ppl-c6.rsummi.co.id/>
01/2025 - 06/2025

This project is the development of an automated Medicine Vending System for RS UMMI hospital, designed to eliminate pharmacy queues and streamline the prescription pickup process. The system allows pharmacists to input prescription data and place prepared medicine into a secure locker, which triggers an automatic WhatsApp notification with a unique QR code to the patient.

- **Next.js, Express.js, PSQL**