

ARJU NAJA MUHAMMAD

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Education

Universitas Indonesia

Bachelor of Computer Science

07/2022 - Present

SMA Trensains Tebuireng, Pondok Pesantren Tebuireng

Natural Science

06/2019 - 06/2022

Courses

Operating Systems, Platform Based Programming, Data Structures & Algorithm, Advanced Programming, Human Computer Interaction, Databases, Embedded Systems, Software Engineering, Algorithms Design & Analysis, Computer Networks, Introduction to AI & Data Science, Software Engineering Project, Security-Driven Software Development, Information Retrieval System, Integrated Personality Dev. Skills, Automata & Theory of Languages

Skills

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

Frameworks:

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

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

Projects

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, PostgreSQL, Docker, Prometheus, Grafana, Github Action CI/CD, Github Project

Halalify.id

<https://www.halalify.id>

07/2025 - Present

Halalify.id is an integrated digital platform being built from scratch to serve as a comprehensive ecosystem for Halal businesses in Indonesia. It directly tackles the core problem of complex and confusing bureaucracy faced by entrepreneurs by offering streamlined services

- Next.js, Go Gin, PostgreSQL, Docker, Github CI/CD

Exora.id

<https://exora-coral.vercel.app>

06/2025 - Present

Exora.id is a comprehensive digital platform designed to act as a trusted partner for Indonesian businesses, aiming to simplify the complexities of international trade and empower them for global competition.

- Vue.js, Django, PostgreSQL, Vercel

Volunteering

BEM Fasilkom UI

Primary student-led governing organization at the faculty level.

01/2023 - 12/2024

Staff of Controller (2024) : Monitoring and ensuring execution of projects with organizational standards to achieve operational efficiency.

Staff of the Department of Strategic Studies (2023) : Conducting research, analyzing trends, and developing strategic initiatives

SantriLab UI

Community service initiative led by students from the University of Indonesia, dedicated to bridging the digital divide in the remote areas of West Nusa Tenggara (NTB).

2024

Treasurer