

Mohamad Naufhal Zakwan

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PROFILE

Dynamic and results-driven software engineer with 2+ years of experience in full-stack development, and embedded systems. Proven track record of building scalable applications, improving system performance, and delivering reliable technology solutions. Brings strong technical expertise, analytical thinking, and a commitment to innovation while contributing positive impact to both business goals and team success.

EDUCATION

Politeknik Negeri Jakarta, Depok

September 2023 – September 2027

Bachelor of Applied Science in Informatics Engineering

GPA 3.90 of 4.00

Achievements

- Developed and deployed a maternal health monitoring system for preeclampsia prevention used by public health centers (Puskesmas) and healthcare across Depok.
- Delivered a healthcare digital platform hosted on the official Depok government (depok.go.id) server for operational use.

PROFESSIONAL EXPERIENCE

PT INTI MEGA ANDALA EKOSISTEM, Jakarta

February 2025 – Present

Fullstack Developer

- Developed and delivered 3+ production web applications that used by corporate clients in the insurance and hotel sectors.
- Collaborated with cross-functional teams including product, business, and design to deliver scalable digital solutions aligned with business needs and end-user experience.
- Optimized backend workflows, mailing processes, and overall system performance to improve responsiveness, scalability, and operational efficiency.

Flowhomme, Korea (Remote)

January 2025 – June 2025

Fullstack Developer (Project Based Contract)

- Designed and developed a custom web-based e-commerce platform for fashion company in South Korea, Supporting online product sales and business operations.
- Led end-to-end system planning including application architecture, database schema design, system workflows based on business requirements.
- Developed a sales analytics dashboard to monitor transactions, revenue performance, and customer purchasing trends.
- Managed server setup, application deployment, and production environment configuration, ensuring stable application delivery and system availability.
- Collaborated remotely with the project manager and provided technical direction throughout development while supporting coordination within a small engineering team.

PT AHZA DIGITAL, Bogor

June 2023 – August 2023

IT Support (Project Based Contract)

- Developed user manuals for the Patria Maritime Lines application and Patria Maritime ERP System.

PT AHZA DIGITAL, Bogor

August 2022 – August Desember 2022

Fullstack Developer (Intern)

- Developed the user interface for the Journalku web application
- Contributed to API development and learned SCRUM-based SDLC methodology for Journalku
- Created user manuals for Patria Maritime Lines and Patria Maritime ERP applications

ORGANIZATIONAL EXPERIENCE

Februari 2026 Match Staff – West Java Shokaido Provincial Championship Biezari Karate Team Event Organizer, Bogor

- Managed match schedules and tournaments brackets
- Handled live scoring and operated tournament apps

Agustus 2024 Match Coordinator – Bogor City Kadispora Cup Biezari Karate Team Event Organizer, Bogor

- Coordinated registration and created tournament brackets
- Organized and maintained match schedules
- Managed live scoring and operated tournament apps

Januari 2023 Scoring Committee – Bogor City Branch Selection Biezari Karate Team Event Organizer, Bogor

- Recorded and managed scores for all athlete matches
- Controlled tournament apps to ensure smooth events

September 2022 Guide – MPR RI Cup Shokaido National Championship Biezari Karate Team Event Organizer, Bogor

- Coordinated participants and managers from various dojos
- Directed match operations on the competition floor (Tatami)
- Record scores and resolved on-site match disputes

LANGUAGES AND SKILLS

- **Languages:** Indonesia (Native), English (Professional Proficiency)
- **Programming languages:** PHP, Python, Javascript, Typescript
- **Embedded Systems & IoT:** IoT-based Crowd monitoring system
- **Data Engineering & APIs:** RESTful API, Websockets
- **Framework:** Laravel, Flask, NextJS
- **Tools & Operating Systems:** Linux, Git, Figma