AFFAN NAUFAL SYARIF AL GHIFARI

Web Developer

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SUMMARY

Fullstack Web Developer with expertise in Next.js, Laravel, and Firebase, and additional experience in React Native and IoT integration. Strong foundation in building scalable SaaS platforms, responsive applications, and real-time data systems. Adept at working independently and in agile teams to deliver high-quality digital solutions

EXPERIENCE

Freelance Web Developer – Remote
Website Developer (June 2025 - present)

- Developing and enhancing web applications using Next.js for modern, responsive frontends and Laravel for secure, efficient backend services.
- Designing and integrating APIs to ensure smooth communication between frontend and backend components.
- Collaborating in an agile environment with cross-functional teams to deliver features on time and maintain high code quality.

PT MARSTECH GLOBAL–Madiun, Indonesia
Website Developer (June 2024 - November 2024)

- Developed responsive frontend web applications using Next.js, integrating Tailwind CSS for modern UI/UX design, and implementing interactive components to enhance user engagement across devices.
- Built and maintained backend services with Laravel RESTful APIs, managing database structures, authentication, and data processing to ensure secure and efficient data flow between client and server.
- Collaborated in an agile team environment, participating in sprint planning, code reviews, and daily stand-ups, ensuring seamless integration between frontend and backend, and delivering features on time with high quality.

EDUCATION

State Polytechnic of Madiun (2022 - 2025)
Diploma Three in Information Technology – 3.78

Senior High School 1 Ponorogo (2019 - 2022)
Mathematics and Natural Sciences

CERTIFICATIONS

- Chief Technician of Computer Network – Professional Certification Body of Madiun State Polytechnic (2024)
- Junior Mobile Programmer – Digital Talent Scholarhip (2024)

SKILLS

- Frontend Development
- Backend Development
- Android App Development
- Database Management
- Networking
- IoT Integration
- Public Speaking
- Leadership

Languages

- Indonesian
- English – Basic Professional Proficiency

Projects

AgenKas – Multi-Tenant SaaS Reporting System
Web Developer (June 2025 – July 2025)

- Developing and enhancing web applications using Next.js for modern, responsive frontends and Laravel for secure, efficient backend services.
- Designing and integrating APIs to ensure smooth communication between frontend and backend components.
- Collaborating in an agile environment with cross-functional teams to deliver features on time and maintain high code quality.

Aquana – IoT Based Smart Fish Tank
IoT Engineer and Mobile Developer (January 2025 – June 2025)

- Developed an IoT-enabled smart fish tank system to monitor real-time water quality parameters (temperature, pH, TDS) and control automated water circulation during freshwater fish quarantine.
- Built a android mobile application using React Native integrated with Firebase Realtime Database, enabling users to view live sensor data, analyze historical logs, and control devices remotely.
- Integrated ESP32 microcontroller with water sensors and relay modules, ensuring reliable data transmission and automation between hardware and cloud services.
- Delivered as a final academic project, showcasing the potential of IoT and mobile technology to improve efficiency in fish farming and water quality management.

Godong Menu – Digital Restaurant Ordering System
Web Developer (June 2024 – November 2024)
- Developed a responsive web application for digital restaurant ordering using Next.js for the frontend and Laravel RESTful APIs for backend services, improving the efficiency of order management.
- Implemented features such as menu browsing, order placement, and transaction tracking with a modern UI/UX, ensuring a seamless user experience across devices.
- Collaborated in an agile team environment, contributing to sprint planning, feature implementation, and code reviews to deliver the product on time with high quality standards.

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