

Azril Pramudia Anugrah

Final Year Student

Contact Information

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Portfolio: itsmeow.tech

Summary

Final-year Information Technology student with practical experience building responsive, component-driven web applications using React.js, JavaScript, and TailwindCSS. Proficient in bridging frontend interfaces with backend systems using Node.js and optimizing deployment workflows with Docker. Possesses a strong foundation in Network Fundamentals, enabling a comprehensive understanding of web performance, API communication, and modern infrastructure.

Key Skills

- Languages & Frontend: JavaScript (ES6+), TypeScript, React.js, Next.js, TailwindCSS, HTML/CSS, Shaden
- Backend & Tools: Node.js, Express.js, MySQL, MongoDB, Prisma, Docker, Git Version Control.

Experience

IoT Engineer Intern - PT. Langgeng Cipta Solusi

Sep 2025 - Dec 2025

- Developed IoT prototypes using ESP32 and C++
- Implemented MQTT communication for real-time data transmission
- Integrated sensors and built real-time monitoring system
- Built air quality monitoring system with web-based visualization

Technical Mentor - Informatics Coding Camp Season 4

May 2025 - Jun 2025

- Taught HTML, CSS, and JavaScript fundamentals to students, improving their understanding of core web concepts
- Assisted debugging and guided learning paths in frontend and backend development

Web Development & UI/UX Student - Infinite Learning Indonesia

Sep 2024 - Dec 2024

- Built responsive web applications using React.js and TailwindCSS
- Applied UI/UX principles in designing user-friendly interfaces

Projects

Air Quality Monitoring System (Fullstack + IoT)

Developed a comprehensive end-to-end monitoring platform utilizing C++ for firmware and NestJS & MySQL for the backend. Built a high-performance Next.js dashboard with real-time data streaming via MQTT and WebSockets, fully containerized using Docker for scalable and consistent deployment.

Himatif Uninus Website

Engineered a robust community platform using Next.js and TypeScript, ensuring high performance and type-safe development. Leveraged Supabase for seamless authentication and real-time database management, while implementing a responsive, modern UI with TailwindCSS to enhance user engagement.

Education

Universitas Islam Nusantara

Aug 2022 - Present

Bachelor's Degree in Informatics Engineering

SMKN 1 Cihampelas

Jul 2019 - May 2022

Student in Computer Network Engineering

ID-Networkers

Apr 2022 - May 2022

DevOps Trainee