

MOHAMMAD DAVID NUR SYAHFRUDIN

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Malang, East Java, Indonesia

5th-semester Information Technology student at Brawijaya University with strong interests in Web Development, Internet of Things (IoT), and DevOps. Experienced in web application development, Linux server deployment, and API integration through academic and organizational projects. Passionate about learning modern technologies and building scalable, user-friendly digital solutions with real-world impact.

EDUCATION

Universitas Brawijaya - **Malang, East Java, Indonesia** Aug 2024 - May 2027 (Expected)

Diploma in Information Technology, 3.85/4.00

- 1st Place Winner – Web Technology, OLIVIA X National Competition

PROJECT EXPERIENCE

Bekasin E-Commerce Platform (OLIVIA X 2025 Champion) 2025 - **Malang**

Frontend Developer | Next.js, PostgreSQL, GIS

- Collaborated in a team of 3 developers to build an e-commerce platform focused on second-hand goods trading with GIS-based location features.
- Implemented GIS- based features including location mapping, radius- based product search, and marker visualization for sellers and buyers.
- Contributed to the project that achieved 1st Place in the Web Technology category at the OLIVIA X national competition within a 1-month development period.

Dedikasi Malang Organization Website 2025 - **Malang**

Fullstack Developer | Laravel, MySQL, VPS Deployment

- Developed and deployed a fullstack organizational website used to manage social activities, participant registration, and donation programs.
- Built and maintained 5+ CRUD management modules including activities, stories, donations, administrators, organization members, and participant registration systems.
- Supported operational management for 25+ organizational activities with 3 active admin accounts using the platform.

IoT Smart Locker Monitoring System (Siemola) 2026 - **Malang**

Backend & IoT Developer | Laravel API, Flutter, ESP32, RFID

- Developed backend API and IoT integration for a smart locker monitoring system in a team of 4 developers with approximately 50-60% backend contribution ownership.
- Integrated ESP32 hardware, RFID authentication, limit switch sensors, and LCD display with Laravel-based web monitoring dashboard and Flutter mobile application.
- Managed monitoring data including student identity, locker availability, locker contents, and staff information through centralized database architecture.

Personal Portfolio Website 2026 - **Malang**

Fullstack Developer | Next.js, Laravel API, MySQL, VPS

- Built and deployed a personal portfolio platform using Next.js frontend and Laravel-based backend API architecture.
- Implemented authentication system and 3 CRUD management modules for dynamically managing projects and journal content.
- Configured Ubuntu-based VPS hosting environment with Nginx server deployment for live production usage.

Motify Motorcycle Service Mobile Application 2025 - **Malang**

Fullstack Mobile Developer | Flutter

- Built cross- platform mobile features including motorcycle registration, automatic mileage tracking, component management, service reminders, user profile management, and notification systems.
- Integrated Firebase database and authentication system for real-time mobile data management and user access control.
- Developed responsive mobile user interfaces using Flutter for Android-based application implementation.

Organisational Experience

Dedikasi Malang - **Malang, East Java, Indonesia** Feb 2025 - Aug 2025

Project Planner

- Planned and managed community service programs, including concept development, event timeline, rundown, volunteer coordination, and activity execution.
- Coordinated monthly social activities with an average of 25 participants and 20–30 volunteers across orphanages, nursing homes, environmental clean-up programs, and social campaigns.
- Led the operational planning of a large-scale beach clean-up event involving 30 volunteers and collaborative environmental awareness activities.

Dedikasi Malang - **Malang, East Java, Indonesia** Aug 2025 - Apr 2026

Head of Organization

- Led a community-based organization consisting of 50 active members and managed public volunteer programs targeting participants aged 17–35 years old.
- Successfully organized a 4- day community service program in Tambakrejo Village, Malang, involving 36 committee members and participants across education, environmental, and healthcare divisions.
- Coordinated educational and healthcare programs attended by 30 elementary school students and 20 local residents respectively.
- Increased organizational membership and Instagram audience growth by over 50%, reaching approximately 1,500 followers through consistent branding and activity campaigns.

BEM Fakultas Vokasi Universitas Brawijaya - **Malang, East Java, Indonesia** Mar 2025 - Dec 2025

Staff Ahli - Kominfo

- Contributed approximately 50-60% to the development of the BEM Fakultas Vokasi UB organizational website, covering UI/UX design, frontend development, and backend integration.
- Built a posting request management feature enabling internal ministries to submit Instagram publication requests through integrated website forms and dashboard management system.

Skills

- **Programming & Development**: HTML, CSS, JavaScript, TypeScript, PHP, Python, Dart, C++
- **Frameworks & Technologies**: React.js, Next.js, Laravel, Node.js, Flutter, REST API, MySQL, PostgreSQL
- **DevOps & Infrastructure**: Linux, Docker, Nginx, VPS Deployment, Git, GitHub
- **Tools & Design**: Postman, VirtualBox, VS Code, Figma, Adobe Illustrator, Adobe After Effects, Blender
- **Soft Skills**: Leadership, Teamwork, Communication, Problem Solving, Time Management, Responsibility