

Fadlil Ferdiansyah

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Semarang, Indonesia, 50275

SUMMARY

Experienced in Web Development, Mobile Development, and Cloud Hosting. Skilled in building dynamic and responsive web applications as well as intuitive mobile apps that cater to diverse user needs. Proficient in deploying and managing applications across various cloud platforms to ensure scalability and reliability. Adept at optimizing performance, enhancing system stability, and delivering seamless user experiences across devices and environments.

EDUCATION

Diponegoro University

2021 - 2025

Bachelor of Computer Engineering: GPA 3.74/4.00

SKILLS

JavaScript, TypeScript, React, PHP, HTML5, CSS3, MySQL, RESTful APIs, Docker, Cloud Computing, Kotlin, Python, AI & Machine Learning, Project Management, Leadership, Problem Solving, Troubleshooting, Microsoft Office.

WORK EXPERIENCE

PT Rekayasa Agromarin Indonesia

Fullstack Web Developer

Juli 2024 – Mei 2025

During my internship, I developed a fullstack web application using Next.js for the frontend and Express.js for the backend. My responsibilities included:

- Designing and implementing responsive user interfaces with Next.js, HTML5, and CSS3.
- Developing backend APIs and server-side logic using Express.js.
- Integrating frontend and backend components via RESTful APIs.
- Implementing integration with AI services.
- Conducting testing to ensure compatibility across different devices and browsers.

This experience strengthened my skills in fullstack development, API integration, and collaborative teamwork in IT projects.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Mobile Development Cohort

Sep 2024 – Jan 2025

- Participating in the Mobile Development Cohort 2024 Batch 2 at Bangkit Academy, a program led by Google, Tokopedia, Gojek, and Traveloka.
- Gained comprehensive knowledge of mobile app development using Kotlin and modern Android development best practices.
- Completed challenging final projects on Dicoding, which helped deepen understanding of mobile application development, UI/UX design, and performance optimization.

- Strengthened skills in developing native Android apps, integrating backend services, and applying cloud concepts for scalable mobile solutions.

CV. Arshaka Jaya Kreasindo

Backend Web Developer

Des 2023 - Feb 2024

During my internship, I contributed as a Backend Web Developer by building and maintaining server-side applications using Laravel PHP. My responsibilities included:

- Designing and developing RESTful APIs using Laravel PHP
- Implementing business logic and database interactions with Eloquent ORM.
- Ensuring data security, validation, and optimizing performance on server-side processes.
- Integrating frontend interfaces with backend APIs
- Conducting testing and debugging to guarantee system reliability and compatibility.

This experience strengthened my skills in backend development with Laravel, API design, frontend-backend integration, database management, and collaborative teamwork in IT projects.

PROJECT EXPERIENCE

Arshaka Tour Travel Package Reservation Website

Backend Developer

Des 2023 – Feb 2024

- Developed and maintained the backend system for the travel package reservation website using Laravel and MySQL.
- Designed and implemented RESTful APIs.
- Integrated backend services with the React.js frontend.
- Optimized database queries and ensured data integrity

Village Administration Website for Multidisciplinary KKN Program

Fullstack Developer

Jul 2024 – Aug 2024

- Developed a village administration website as part of a multidisciplinary KKN program
- Used HTML and Tailwind CSS to create a clean and responsive design.

Program Capstone Bangkit 2024: NutriSense – Personalized Nutrition Tracking and Dietary Insights

Mobile Developer

Nov 2024 – Dec 2024

- Developed Nutri Sense, a mobile application designed to help users monitor and manage their daily nutritional intake.
- Created and deployed an API for facial shape prediction, leveraging Google Cloud Platform for cloud infrastructure and Docker for containerization.
- Integrated local data storage and API-based services.

Program Capstone Tugas Akhir: Pembuatan Progressive Web Application “Dokter Ikan” untuk Deteksi dan Identifikasi Penyakit pada Ikan Budidaya Air Laut Berbasis AI

Fullstack Developer

Aug 2024 – Present

- Developed a Progressive Web App using Next.js and Express.js for fish species and disease detection in marine aquaculture.
- Integrated AI model (YOLOv11 in ONNX) and an expert system for diagnosis based on symptoms.
- Enabled offline functionality with IndexedDB and optimized for low-connectivity environments.

ORGANIZATION EXPERIENCE

Al Muharrik – Rohis Teknik Komputer

Staff of Public Relations Division

Sep 2022 - Jun 2023

- Supported religious and spiritual development programs through effective internal and external communication strategies.
- Handled internal announcements and external outreach to enhance student participation and visibility.
- Strengthened skills in communication, media coordination, and team collaboration.