

FITTRA MARGA ARDANA

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Summary

Informatics Engineering student with a strong interest in web development, specializing in backend and capable of full-stack work. Experienced in building small web projects, API development, and database management. Passionate about learning new technologies and aiming to become a versatile senior developer.

Project Experiences

Machine Learning Powered Laptop Recommendation System Website Semarang
Python and Machine Learning – [View Repository](#) 2024

- Developed and trained a machine learning model using real-world laptop sales data to create a high-accuracy, personalized purchase recommendation website, already presented to potential partners.

Software Engineering Project: Ticket-Ink Ticketing Platform Semarang
Fullstack Developer – [View Repository](#) 2025

- Functioned as the Lead Full-Stack Developer, spearheading the development of both the high-performance backend and the intuitive user-friendly frontend for the Ticketink platform. Project was recognized for its superior quality and received the highest grade/score in the rigorous Software Engineering course.

Hima Ilkom UNNES Official Website Semarang
Fullstack Developer – [Visit Site](#) 2025

- Served as the Full-Stack Developer to build and maintain the official association website, establishing it as the central hub for information dissemination and student engagement.

QR Code-Based Attendance Website Semarang
Fullstack Developer – [Visit Site](#) 2025

- Developed an online attendance website for organizational events and programs, featuring dynamic QR codes to effectively minimize potential fraud and ensure secure verification.

Education

SMK Negeri 2 Pati - Multimedia 2020 - 2023

Achieved top scores in Graphic Design, Audio Video Editing Techniques, and Software Engineering courses. Developed a ticket sales website as part of a Software Engineering project, focusing on user experience, functionality, and efficient workflow design.

Universitas Negeri Semarang – Undergraduate Informatics Engineering 2023 - Present

- Developed a laptop recommendation system achieving 95% accuracy and successfully presented the solution to project stakeholders.
- Relevant Courses: Web Programming, Database System, Software Engineering, Object-Oriented Programming

Work Experience

CV Indo Jaya Teknologi

Internship

Pati
February 2022 - April 2022

- During my internship, I was responsible for assembling custom-built computers based on client specifications, installing operating systems for both laptops and PCs, and performing basic hardware troubleshooting and repairs. I also handled network configuration tasks such as setting up routers, managing internet connections, and installing CCTV systems according to assigned projects.
- In addition to technical duties, I contributed to the shop's digital presence by creating social media feed designs and producing daily promotional video content.

Organizational Experiences

Hima Ilmu Komputer UNNES

Staff of Communication and Information Division

Semarang
January 2024 - December 2024

- Actively contributed to various organizational committees, supporting event execution and team coordination.

Hima Ilmu Komputer UNNES

Vice Head of Communication and Information Division

Semarang
January 2025 - Present

- Responsible for managing the Communications and Information Division in collaboration with the division head.
- Developed and published the organization's official website, improving digital presence and accessibility.
- Actively participated in various committees organized by the student association, contributing to event planning and execution.

Certifications

Sertifikasi Kompetensi KKNI Multimedia Level 2

BNSP, Valid until 2026

23 April 2023

Javascript Basic Programming

Dicoding Academy, Valid until 2027

09 December 2024

AI Basics: Overview of AI

Huawei

16 April 2025

Explore Generative AI

Microsoft

23 May 2025

Skills

- Technical Skills: PHP, Laravel, Javascript, Python, MySQL
- Soft Skills: Communication, Problem Solving, Team Work
- Software: Figma, Microsoft Office, GIT
- Languages: Indonesian (Native), English (Intermediate)