

DIJE NAUFAL ATSIILAH

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Sidoarjo, East Java, Indonesia

Information Systems student specializing in Flutter development

Education Level

Universitas Negeri Surabaya - Surabaya, East Java, Indonesia

Jul 2023 - Jul 2027 (Expected)

Bachelor of Information Systems, 3.80/4.00

- Specialized in Knowledge Discovery in Databases (KDD) with interests in Data Analytics and Machine Learning.
- Developed FitSense, an IoT-based health monitoring system using Flutter and wearable devices.
- Experienced in mobile application development, database design, and real-time data processing.
- Actively involved in software development and applied research projects.

Work Experiences

Inovasi Datanusa - Surabaya, Indonesia


Feb 2026 - Present

Mobile Developer Intern

Technology company focused on digital solutions, mobile applications, and IoT-based system development.

- Developed and maintained the FitSense mobile application using Flutter for real-time health monitoring.
- Implemented BLE communication to acquire heart rate data from wearable devices.
- Integrated MQTT and REST APIs for real-time data transmission and synchronization.
- Designed and improved database structures to support multi-company architecture and session management.
- Developed workout assignment, session tracking, and calorie calculation features.
- Collaborated with cross-functional teams to enhance system performance and user experience.

Category/Project/Activity

- **Machine Learning Bootcamp Batch 8 - Dicoding**  (2025): Completed an intensive machine learning bootcamp covering data preprocessing, model development, evaluation, and implementation using Python.