

FIKRI HAIKAL



About Me

Hello Everyone, I am Fikri Haikal, a passionate Flutter Developer and IoT Engineer with a Diploma in Computer Engineering and a Bachelor's degree in Informatics Engineering from Politeknik Negeri Jember.

My expertise lies in developing mobile applications using Flutter and building web applications with Laravel. Additionally, I have hands-on experience in Internet of Things (IoT) projects, integrating hardware and software solutions to create innovative systems.



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EDUCATION

Politeknik Negeri Jember

Bachelor of D3 - Computer Engineering
2018-2021

Politeknik Negeri Jember

Bachelor of D4 - Informatic Engineering
2022- 2023

EXPERTISE

- Flutter
- Git
- Linux
- IOT
- Laravel

EXPERIENCE

Robotics Team

Politeknik Negeri Jember

2029 - 2021

Served as a programmer in the Abu Robocon division of the Robotics at Politeknik Negeri Jember,

Teacher Extracurricular Robotics

SMP Maria Fatima

2019

Teaching a student about basic electronics and basic programming especially Microcontroller Arduino.

Freelancer

Jember, Jawa Timur

2021 - Now

- Developed IoT monitoring systems.
- Built mobile apps using Flutter.
- Implemented image processing solutions.
- Managed development with Laravel.

IT Field Support

Jun 2023 - Nov 2024

I am an IT support at IKC, a vendor for the Jember Regional Revenue Office (Bapenda Jember), tasked with monitoring local taxes for taxpayers

PROJECT

Mobile Apps

- My Alquran
- Monitoring weight of plant on farmbot

IOT

- Smart Monitoring Kandang Walet
- Smart Monitoring Greenhouse
- Vehicle Classification with YOLOv8

Robotic

- Line Tracking with Image Processing
- Arrow Robot Abu Robocon
- Implementation Invers Kinematic on Robot Three Wheel Holonomic

Website

- Smartship Realtime Monitoring
- System Monitoring Closed House