



AHMAD HANAFI

ELECTRONIC ENGINEERING

ABOUT ME

Electronics Engineering student with a GPA of 3.41, passionate about electronics and automation. Eager to apply technical skills in practical and innovative projects.

EDUCATION

Associate Degree in Electronic Engineering

Politeknik Negeri Semarang
2022 - 2025

SKILLS

- Electronic Circuit Design
- Microcontroller Programming
- Internet of Things
- PCB Desain
- 3D Desain
- Control Systems
- Industrial Automation

LANGUAGE

- Indonesia
- English



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Kudus, Central Java

EXPERIENCE

PT Djarum

2024

Maintenance Operation Secondary Gribg

- Assisted the team in maintaining operational electronic equipment and performing troubleshooting and repair tasks to ensure smooth system functionality.

PROJECT

Implementation Of Automatic Door And Bell System

An automatic door equipped with an infrared sensor to detect approaching individuals, and an automatic bell that greets people upon entry using an HC-SR04 ultrasonic sensor.

Line Follower Robot

Designed and implemented an autonomous line-following robot using infrared sensors and Arduino microcontroller. The system was programmed to detect and follow a predefined path accurately, with real-time motor control based on sensor feedback.

Local web-based energy monitoring using a wireless protocol

A system that measures electrical energy using a power meter, processes the data with a Raspberry Pi, and presents the energy usage through a local web-based interface.

Chicken Egg Incubator Using AC Lamp and PID Control

A system designed to maintain a stable and ideal temperature in a chicken coop using the DS18B20 sensor, helping to achieve optimal growth and productivity.

CERTIFICATIONS

- Industry Automation Engineer
- TOIEC (Test of English for International Communication)