JAVIER RAYHAN AQILA

Embedded System and Hardware Hobbyist

DETAILS

javrayhan2006@gmail.com

085280522226

SKILLS

- PCB Designer
- Embedded System
- Soldering
- Microcontroller Programming
- Internet of Things

SOCIAL LINKS

javierrayhan.my.id

javierrayhan28

javierrayhan

SUMMARY

I'm an Informatics student at Telkom University with a growing passion for embedded systems, PCB design, and IoT hardware development. I enjoy exploring how electronics, design, and user experience can come together in practical and meaningful ways. Most of my projects involve ESP32, AVR, and low-power circuits, where I experiment with sensors, BLE communication, and simple automation systems. I'm currently focused on learning how to build efficient and human-centered hardware that balances technical precision with creativity.

EXPERIENCE

- Jan 2024 - May 2024

Samsung Innovation Campus
Participant

- May 2023 - Jul 2024

Samsung Solve for Tomorrow
Participant
Developing a smart health armlet (concept and prototype)

- Feb 2024 - Apr 2024

Liga Digital Nasional - UI/UX (by Skilvul)
Semi Finalists
Designing HEALTYCARE UI/UX

EDUCATION

- 2025 - 2028 (Estimation)

Bachelor of Informatics - In Progress
Telkom University, Bandung, Indonesia

- 2022 - 2025

High School Student
SMA Negeri 1 Bobotsari

HOBBY AND INTEREST

- PCB Design
- UI/UX
- Home Server
- Embedded System