

# JAVIER RAYHAN AQILA

Embedded System and  
Hardware Hobbyist

## DETAILS

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 [hello@javierrayhan.my.id](mailto:hello@javierrayhan.my.id)

 +6285128030328

## SKILLS

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

## SOCIAL LINKS

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 [javierrayhan.my.id](http://javierrayhan.my.id)

 [javierrayhan28](https://www.linkedin.com/in/javierrayhan28)

 [javierrayhan](https://github.com/javierrayhan)

## SUMMARY

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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

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- Jan 2024 - May 2024

### **Samsung Innovation Campus**

Participant

- Feb 2024 - Apr 2024

### **Liga Digital Nasional - UI/UX (by Skilvul)**

Semi Finalists

Designing HEALTHYCARE UI/UX

- May 2023 - Jul 2024

### **Samsung Solve for Tomorrow**

Participant

Developing a smart health armband (concept and prototype)

## EDUCATION

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- 2025 - 2028 (Estimation)

### **Bachelor of Informatics - In Progress**

Telkom University, Bandung, Indonesia

- 2022 - 2025

### **High School Student**

SMA Negeri 1 Bobotsari

## HOBBY AND INTEREST

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