RAIHAN PUTRA DARMAWAN

(+62) 812-6866-6573 | raihanrrdarmawan@gmail.com | linkedin.com/in/raihanputrad/ | github.com/raiputradrmwn
Sukabirus, Bandung, West Java.

I am a third year Telecommunication Engineering student, I focus on front-end development and IoT (Internet of Things) development with a strong understanding of basic concepts. My expertise spans a variety of technologies and frameworks, including React, Next.js, Tailwind CSS, and IoT technologies. I am experienced in creating seamless and responsive user interfaces, and I am passionate about the convergence of front-end development and IoT solutions. I am very enthusiastic about applying my knowledge and skills in a professional environment as a front-end developer and also an IoT developer. I look forward to collaborating with the team, making positive contributions, and furthering my personal growth in the dynamic and growing field of front-end development and IoT.

WORK EXPERIENCES

CYBER-PHYSICAL SYSTEMS LABORATORY   *August 2023 – Now*
Research Assistant
- Responsible for IoT integration by creating a Monitoring Website to display IoT data and successfully displaying more than 1000 realtime data.
- Developed laboratory web as Front-end developer using React JS and Tailwind CSS and collaborated with Back-end in creating API.
- Successfully created an IoT device using ESP32, ESP8266 or Arduino UNO as well as various sensors and actuators.

EDUCATIONAL BACKGROUND

TELKOM UNIVERSITY   *September 2021 – August 2025*
Bachelor of Telecommunication Engineering (GPA 3.61 / 4.00)
- **Relevant Coursework:** Algorithms and Programming (C Language), Python Programming, Object Based Programming (Java).

8 TANGERANG SENIOR HIGH SCHOOL   *Juli 2018 – Mei 2021*
High School in Science Major, (GPA 89.21 / 100)
- Vice Coordinator of IT Club Extracurricular.

CERTIFICATION AND TRAINING

- **Learning the Basics of JavaScript Programming, Certificate.**
- **Learning Structured Query Language (SQL), Certificate.**
- **Getting Started with Programming Basics to Become a Software Developer, Certificate.**
- **Learning Basic Project Management, Certificate.**

PROJECTS AND PORTFOLIOS

- **Project IoT Protection Box (ProBox), Link.**
- **Community Service by the Cyber-Physical System Laboratory at SMAN 1 Dayeuhkolot, Link.**

ACHIEVEMENTS

- **Participant in the Innovillage 2023 with the Tittle "Penerapan Sistem Pengeringan Efisien Daun Talas dengan Energi Terbarukan berbasis IoT untuk Menunjang Produktivitas Petani Talas di Desa Senduro"**, Telkom Indonesia Community Development Center Unit, 2023.

SKILLS

- **Hard Skill:** HTML, CSS, Javascript, Node.js, Express.js, GIT, React.js, Next.js, Tailwind CSS, Bootstrap, SQL.
- **Soft Skill:** Team Work, Public Speaking, Leadership, Project Management.
- **Software Skill:** Microsoft Office.