



MUHAMMAD RIZKI KURNIAWAN

PROFESSIONAL SUMMARY

An enthusiastic undergraduate IT student at President University with a strong and growing interest in web development. Passionate about building user-friendly and responsive websites using technologies such as HTML, CSS, JavaScript, and modern frameworks. Currently interested in backend and frontend development, and eager to keep learning new tools and best practices. While I have explored IoT technologies through hands-on projects with platforms like Arduino

CONTACT

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ACADEMIC HISTORY

President University

August 2023 - December 2026 (Expected)

Active Student of Information Technology

- GPA 3.58

PROJECT

- | | |
|--|-----------------------|
| • Web Development Project – Team-Based Project | October 2023 |
| • Developed a responsive website using HTML, CSS, JavaScript, and PHP for a simple inventory or tracking system. | |
| • Integrated MySQL database to manage dynamic content such as user data, product entries, and transaction logs. | |
| • AI Project – Simple Drug Diagnosis System | September 2024 |
| • Create a simple application using Python | |
| • Used a simple machine learning model (Naive Bayes / Decision Tree) to process user-input symptoms. | |
| • Built a basic web interface using Turtle to demonstrate the usage of the system. | |
| • Manual IoT Controlled Car | February 2025 |
| • Developed a manually controlled car using IoT-based communication Wi Fi allowing real-time movement via smartphone or web dashboard. | |
| • [Github: https://github.com/RickyKurrnn/Autonomus-Robot-Car] | |
| • Robotic Arm | February 2025 |
| • Developed a Prototype Robotic Arm for Industrial purpose that can be controlled manually by joystick and button or Automatically | |
| • [Github: github.com/RickyKurrnn/Robotic-Arm] | |
| • Digital Twin For Final Assembly (PT MATTEL INDONESIA) | May 2025 |
| • Developed a real-time attendance monitoring system for a doll assembly line prototype (legs, body, head) using RFID and infrared (IR) sensors. | |
| • Integrated RFID cards for operator identification and IR sensors for automatic seat presence detection to ensure check-in accuracy without manual input. | |
| • Built a backend system using MySQL for storing operator data, attendance logs, and skillsets. | |
| • Created a web-based dashboard to display real-time line status, attendance, and skill-based operator replacement suggestions. | |
| • [Github: https://github.com/RickyKurrnn/Digital-Twin-for-Final-Assembly] | |

ORGANIZATION EXPERIENCE

- **Peek Room - Project Officer** March 2024
 - Peek Room is an innovative public speaking program that aims to empower individuals with the skills, confidence, and techniques needed to become impactful communicators. As Project Officer, I contributed to program development, branding, and creating a supportive learning environment for aspiring speakers.
- **Blood For Life – Logistic Officer** June 2024
 - Blood For Life is a social initiative focused on addressing Indonesia's critical need for blood donations by raising awareness and encouraging community participation. As Logistic Officer, I supported the operational aspects of the project, ensuring smooth coordination for donation drives and partnerships.
 - Collaborated with PMI (Palang Merah Indonesia): Worked with national health organizations to ensure reliable blood supply for emergencies and medical needs.

SOFT SKILL	HARD SKILL
<ul style="list-style-type: none">• Communication• Teamwork & Collaboration• Problem Solving• Adaptability	<ul style="list-style-type: none">• Web Programming• IoT & Embedded Systems

TOOLS

- Programming - VSCode, Eclipse, Netbeans, Android Studio, Arduino IDE, MQTT, GIT, XAMPP, Docker
- 3D Design - Blender
- Design - Canva, Figma
- Front End: HTML, CSS, TailwindCSS, Java Script
- Back End: MySQL, Flask, Laravel, PHP, Python