

# Muhammad Kara Maritza

I am an undergraduate student majoring in Internet of Things (IoT) at CCIT-FTUI, with a special interest in developing innovative IoT solutions. I actively participate in IoT and technology workshops, committed to enhancing my skills in creating interconnected and efficient systems. I am interested in collaborating on IoT development projects and am open to learning opportunities and the exchange of ideas. Additionally, I can design and implement unique IoT solutions to address real-world challenges.

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## EDUCATION BACKGROUND

### Man 14 Jakarta

Jakarta Timur, DKI Jakarta

2019 – 2022

During my education at MAN 14 Jakarta, I managed to achieve a balance between significant academic achievements and active participation in extracurricular activities that stimulate the development of interpersonal and leadership skills. As a member of the Student Council and Captain of the School Basketball Team, I lead by example, coordinating activities and encouraging a spirit of cooperation.

### CEP CCIT FTUI

Information Technology

Depok, Jawa Barat

2022 - 2024

At CCIT FTUI, I was active in UKM Basketball and a member of GDSC, honing my leadership and technical skills while maintaining a stable GPA above 3.4. This experience combines academic excellence with practical development, preparing me with applicable knowledge and adaptability for a professional environment.

### Asia E University

Bachelor of Information and Communication Technology

2022 - 2024

Subang Jaya, Malaysia

At AEU University, I pursued academic excellence and intellectual development, managing to maintain a GPA above 3.9 through dedication and discipline. This reflects a commitment to mastery of the material and preparation for a future career.

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## ORGANIZATIONAL & VOLUNTEER EXPERIENCES

### Organisasi Siswa Intra Sekolah

Jakarta Timur, DKI Jakarta

Chairman of the 2019 Teacher's Day Event

2019

- Leading a smooth Teacher's Day event and receiving praise from students and teachers, demonstrated my event management and leadership skills.
- Direct the student council team with dynamic leadership.

Coordinator of the 2019 "Language Month" Student Creativity Competition 2019

- Leading the organization of student creativity competitions, creating a platform for students to express their talents and innovations, as well as increasing student participation in extracurricular activities.

**UKOR BASKET UI** Depok, Jawa Barat

Become a Volunteer at the 2023 Ukor Basket UI Pick Up Games event 2023

- Responsible for player statistical analysis staff, I provide important data and insights that support strategic decision making and improve team performance.
- My active participation in various aspects of event organization significantly contributed to the overall success and receipt of positive feedback from participants and spectators.

Social Media Manager 2024

- Develop and implement engaging and relevant content strategies that successfully increase user engagement and expand audience reach.
- Monitor, analyze and report social media performance, generating valuable insights for continuous improvement of digital marketing strategies.

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## PROJECT

**SOIL MONITOR: THINGSBOARD INTEGRATION – Group Project** CCIT FTUI

USE ARDUINO UNO & ESP32 2023

- Developing a device to measure soil moisture, soil temperature, soil surface temperature, and soil surface humidity, which is then visualized via the ThingsBoard platform.

**Simulation Project– Group Project** CCIT FTUI

Plantation Monitoring system design using IoT in Cisco Packet Tracer 2023

- Develop a simulation that illustrates the application of IoT devices in a plantation/agriculture context, using Cisco Packet Tracer software.

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## SKILLS & LANGUAGES

**Skills:** Digital Marketing, Microsoft Office (Word, Excel, PowerPoint), Arduino UNO, Web Developer (Basic), IOT Tools, IOT Project

**Languages:** Indonesian (Native), English (Intermediate)

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