

# MUHAMMAD YUSUF ANDRIKA

+6285669812501 | [andrika00748@gmail.com](mailto:andrika00748@gmail.com) | [www.linkedin.com/in/muhammadyusufandrika](https://www.linkedin.com/in/muhammadyusufandrika) | [github.com/MuhammadYusufAndrika](https://github.com/MuhammadYusufAndrika)

**Sleman, Yogyakarta, Indonesia**

I am a 4th semester student of S1-Informatics study program with a concentration in database programming. I have high confidence and enthusiasm in my work. My sufficient experience in web development and good knowledge in programming are the real proof of my competence. With my programming skills, I am able to present creative and efficient solutions to problems related to web development. I have a keen interest in addressing issues that arise in website development, while continuing to explore and develop my skills in machine learning.

## Education

---

**Amikom University Yogyakarta - Yogyakarta**

Sep 2022 – Present

*Informatics; Faculty of Computer Science GPA: 3.91/4.00*

**Relevan courses:** Web Programming, Database Programming Courses.

## Professional Experience

---

**Laboratory Assistant - Yogyakarta**

Feb 2024 - Present

As a laboratory assistant, my job is to assist the lecturer during the practicum session. Sometimes, I was also assigned to fill in for the lecturers when they were absent. In this role, I am required to facilitate effective communication between the lecturer and other students and be able to help provide understanding of the material being taught.

### Programming Course

#### Laboratory Assistant

- Teach more than 70 students per semester in basic and advanced C# programming courses.
- Managed 10+ lab modules covering topics such as OOP (Object-Oriented Programming).
- Coordinate and facilitate over 20 lab sessions per semester, ensuring efficient use of lab resources and optimal scheduling.

### Operating System Course

#### Laboratory Assistant

- Teach more than 50 students per semester in the Operating Systems course, covering topics such as memory management, file systems, and kernel programming using Linux ubuntu.
- Manage 10+ lab modules focused on implementing and simulating operating system concepts.
- Coordinate and facilitate over 10 lab sessions per semester, ensuring efficient use of lab resources and optimal scheduling.

### Hardware & Software Course

#### Laboratory Assistant

- Teach more than 50 students per semester in hardware and software courses, covering topics such as computer architecture and embedded systems.
- Manage 12+ lab modules that include practical applications of hardware and software integration and system troubleshooting
- Coordinate and facilitate over 10 lab sessions per semester, ensuring efficient use of lab resources and optimal scheduling.

### Data Communication Course

#### Laboratory Assistant

- Teach more than 100 students per semester in data communication courses, covering topics such as data transmission, and wireless communication and microcontroller simulation.
- Manages more than 10 practicum modules involving practical applications of data communication theory and troubleshooting.
- Coordinate and facilitate over 20 lab sessions per semester, ensuring efficient use of lab resources and optimal scheduling

## Organization Experience

---

### Informatics Student Association – Yogyakarta

#### Staff of the Research and Development Division Management

Mar 2023 – Present

- Being the executor in the draft agenda and work program that has been formed.
- Contributing to the making of division media learning videos.
- Manage and develop HMIF website.

### National Informatics Seminar 2023

#### Event Manager

- Create and organize the event.
- Work with a team of 10 divisions to plan and execute the 2023 National Informatics Seminar.
- Success to get a total of 100+ participants.

### Belajar Bareng UTS Ganjil 2023

#### Event Manager

- Create and organize the event.
- Work With a team of 8 divisions to plan and execute Belajar Bareng UTS Ganjil 2023
- Success to get a total 130+ participants
- Assisted in the creation and distribution of 4 study course materials and practice exams, enhancing the learning experience for participants.

### Expo 2023

#### Publication, Decoration, and Documentation

- Coordinate the creation of publicity materials such as brochures, flyers, and social media.
- Design and manage the decoration at the Expo stand, creating an attractive and professional environment.
- Managed the visual documentation of the event, producing over 700 photos and 40 videos highlighting key moments and activities during the Expo

### Web Development 2024

#### Front-End Developer

- Contribute to the creation of user interfaces and regular updates of the HMIF website.

### PPM Amikom 2024

#### Mentor Mobile

- Ensure that all mentors in the class carry out their duties properly.
- Coordinates more than 100 mentors in the class.

### Workshop Informatics 2024

#### Project Leader

- Create and organize the event.
- Lead a team of 8 members to plan and execute the Informatics 2024 Workshop.

## Lecture Project Experience

---

- [Cashier Program](#) (2022): handling for creating purchase and sales transaction logic using C++.
- [PIC Web Informatic Association](#) (2023): handling for the design, creation and maintenance.
- [Cinema Booking System](#) (2023): handling for creating signup and login features using C++.
- [Financial record app](#) (2023): handling for designing and creating UI using C# language with Bunifu framework
- [Smart Pet Feeder](#) (2023): handling for making IOT Smart Pet Feeder using microcontroller.
- [Cashier Program](#) (2022): handling for creating purchase and sales transaction logic using C++
- [Web Company Profile](#) (2024): handling frontend and backend development to create a dynamic website using Bootstrap & PHP.

## Skills

---

- **Language:** Indonesia (native) , English (intermediate)
- **Pemrograman:** HTML, CSS, CSS Framework, C#, C++, PHP, MySQL
- **Design:** Figma, Adobe Photoshop, Adobe Premiere Pro, Adobe After Effect.
- **Personal Skills:** Negotiation, Communication, Problem Solving, Critical Thinking, Adaptive and Flexible, Leadership and Teamwork