MUHAMMAD YUSUF ANDRIKA

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Sleman, Yogyakarta, Indonesia

I am an Informatics graduate candidate with a concentration in Database Programming who has completed the thesis defense and is currently awaiting graduation (yudisium). I have strong self-confidence, a high work ethic, and solid experience in web development, particularly in building efficient, scalable, and well-structured web-based systems. With a strong programming foundation, I am capable of analyzing problems critically and delivering practical, solution-oriented implementations that align with business and technical requirements. I am highly motivated, adaptable, and ready to contribute effectively in dynamic IT environments.

Education

Amikom University Yogyakarta - Yogyakarta   Sep 2022 – Present

Informatics; Faculty of Computer Science GPA: 3.93/4.00

   Relevan courses: Web Programming, Database Programming Courses.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka   Sep 2024 – January 2025

   Relevan courses: Machine Learning Cohort

Professional Experience

System Analyst – PT Dahana   September 2025 – Desember 2025
- Collected and analyzed business requirements from internal users related to the Human Capital Management Information System (HCMIS).
- Prepared and Create requirement documents, including Business Requirement Documents (BRD), Business Flowchart feature enhancements, change requests, and system improvements.
- Analyzed Human Capital business processes and identified areas where system automation could increase efficiency.
- Acted as a liaison between internal users and the developer to ensure requirements were accurately translated into system features.
- Creating website employee attendance system & contract management for Human Resources Department

Laboratory Assistant - Yogyakarta   Feb 2024 – July 2025

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   Feb 2024 – July 2024
- Teach more than 70 students per semester about OOP (Object Oriented Programming) using C#

Data Communication Course Laboratory Assistant   Feb 2024 – July 2024
- Teach more than 100 students per semester in data communication courses, covering topics such as data transmission, and wireless communication and microcontroller simulation.

Database System Laboratory Course Assistant   September 2024 – January 2025
- Teach more than 100 students per semester in data communication courses, covering topics such as data transmission, and wireless communication and microcontroller simulation.

Advanced Progamming Course Laboratory Assistant   September 2024 – January 2025
- Teach more than 100 students about MVC (Model View Controller) using C#.

Database Programming Course Laboratory Assistant   Maret 2025 – July 2025
- Teach more than 50 students about MVC (Model View Controller) using C#.

Big Data Course Laboratory Assistant   Maret 2025 – July 2025
- Teach more than 50 students about Machine Learning to predict Data kontinu using regression algorithms

Web Programming Course Laboratory Assistant   Maret 2025 – July 2025
- Teach more than 100 students about creating website using PHP

Organization Experience

Informatics Association – Coordinator of the Scientific Research & Development Division   August 2023 – August 2025
- Being the executor in the draft agenda and work program that has been formed.
- Manage and develop HMIF website.

National Informatics Seminar 2023 Event Manager
- Create and organize the event. Succes to get a total of 100+ 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.

Web Devlopment 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.

Workshop Informatics 2024 Steering Committee
- Directing the committee to carry out its duties properly

Lecture Project Experience

- **Cashier Program** (2022): 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): Designing and Creating UI using C# language with Bunifu framework •
- **Cashier Program** (2022): Creating purchase and sales transaction logic using C++
- **Web Company Profile** (2024): Handling frontend and backend development to create website using Bootstrap & PHP.
- **Destination Recommendation** (2024) **:** Building model machine learning for recommendation about place destination
- **Fullstack Web Developer HMIF** (2025) : Developed an organizational information system using Laravel 11 and MySQL, including CRUD features, user authentication, and dynamic content management.
- **Stock Pedictions (**2025**) :** Building model to predict stock BBCA Bank using Regression Linear, XGBoostRegressor and Suport Vector Regression
- **Online Logbook (**2025**) :** Handling create a website to store photos as an online logbook. Using Next.JS
- **Simiko (**2025**) :** Managing IT project development lifecycle, coordinating team workflows, setting project milestones, and ensuring successful delivery using Agile methodology.
- **Attandance** (2025): Handling development of an attendance management system to record user check-in and check-out data, manage attendance history, and generate reports, with role-based access and data stored in a structured database.
- **E-Kontrak** (2025) : Handling development of an electronic contract management system to create, manage, and store digital contracts, including document upload, contract status tracking, and user authentication to ensure secure access.

Skills

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