

GHUFRON AKBAR MAULANA

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As an undergraduate student in informatics, I envisioned exciting business prospects that could stem from my educational background. Alongside my academic activities, I have gained practical experience in various fields, including software development, technology project management, application development, and design graphics. These experiences have enhanced my abilities in problem-solving, programming, and teamwork, making me versatile and adaptable to diverse work environments.

EDUCATION

Universitas Teknologi Yogyakarta | Bachelor of Informatics Yogyakarta | 2021-2025 (Expected)

Related Course

Design Thinking, Web-based Application Development, Mobile Application Development, Frontend and Backend Development using Express JS and Next JS (Present)

PROFFESIONAL EXPERIECE

Sampahmas Research August 2023 - Present

I became the leader of software engineering of the development of a waste management application that is integrated with vending machines.

Lestari Research March 2024 - Present

I became the leader and fullstack web developer of developing wildlife data collection application. The technologies used in this application are Express JS, React/Next JS, Flutter and Postgresql.

Freelance Software & Web Engineer September 2022 - Present

I am a freelance software engineer with a focus on website (Node JS) within Express JS as backend-service and Next JS as front-end web, and mobile apps with Android Kotlin and Dart Flutter. Sometimes using PHP with the laravel framework. I also designed system requirements such as database design, along with endpoint design for APIs.

Barista Picnic Coffee - Part Time Job January 2022 - March 2022

I prepare and serving of coffee beverages of the highest quality, serving customers in a friendly manner, and keeping the work area clean.

Photographer & Videographer Maher Photography January 2020 - April 2021

Work as casual-time worker in photography, videography, and editor. Serve client and work as a team for project/event.

LEADERSHIP EXPERIENCE/ORGANIZATIONAL

CTO / Sampahmas

August 2023 - Present

- Take a lead of technologies and active role in the development, launch and operational management of the "sampahmas" app. This app provides an innovative solution for plastic waste management with vending machine integration.
- Coordinate the application development team and oversee the entire development cycle, from planning to launch.

Staff RND / KSPM UTY

September 2023 - Present

- Contribute to the creation and enhancement of educational materials and resources related to capital market studies, fostering knowledge-sharing within the organization and beyond.
- Support the planning and execution of seminars, workshops, and events aimed at disseminating research findings and promoting a deeper understanding of the capital market among members and stakeholders.

Lecturer Assistant

September 2023 - January 2024

- Became a teaching assistant in a web programming course. Assisting lecturers in teaching students about web programming using flask python. Contributed to guiding students in the course. Taught two classes of this course.

ACHIEVMENT

Runner Up UI/UX Permifest 2023

October 2023

Secured 2nd place in the UI/UX competition organized by Permikomnas Yogyakarta during Permifest 2023, showcasing excellence in mobile app design. Implemented User-Centered Design methodologies to create an intuitive and user-friendly interface, highlighting a commitment to innovation and user experience enhancement.

2nd Runner Up FTI Fest UKDW 2023 Berijalan Member of ASTRA

November 2023

Secured 3rd place in the "Berijalan Member of ASTRA" web UI/UX redesign competition organized by UKDW during FTI FEST 2023, showcasing excellence in web redesign. Applied Design Thinking methodology to create an intuitive and user-friendly interface, highlighting a commitment to innovation and improved user experience. Presented the results to the company as a replacement for the current working web.

Certification

Data Engineering Professional Certification

Rapid Miner

The Professional level is the first of two certification levels and is rewarded for solid experience in the topic. Some of the topics tested at this level are Data Access, Basic Transformations, Working with Multiple Data Sets, Pivot Tables, Routines and Simple Text Processing.

HackFest 2024 Participant Certification

Google Developer Student Clubs

HackFest 2024 is hackathon held by GDSC Indonesia for university students across Indonesia to build solution based on United Nation 17 SDGs. Developing, launching and operating management of the "sampahmas" app that provides an innovative solution for plastic waste management with vending machine integration.