MUHAMMAD RAFI AZMI

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Tangerang

Informatics Engineering student of Gunadarma University who is also a member of Bangkit Machine Learning Cohort 2024 batch 1 and a laboratory assistant at the Informatics Engineering Laboratory, known as LabTI. Interested in the world of Backend Developer and understand the importance of creating efficient, scalable, and reliable systems to support complex applications. With experience as a Laboratory Assistant, has basic knowledge of several programming languages such as javascript, python, and golang, as well as database management, and system analysis.

Driven by a passion for continuous learning and growth, my goal is to become a professional and successful software engineer, who contributes to the advancement of informatics and society through innovative and impactful solutions.

Experiences

Gunadarma Informatics Laboratory - Depok, Indonesia   Nov 2022 - Jul 2025
Assistant

- Responsible for managing and organizing the practicum, as well as providing technical guidance to students in the use of software and hardware. In addition, I serve as an assistant to the instructor, assisting in compiling learning materials, providing further explanations, and providing support in technical troubleshooting.

Gunadarma Informatics Laboratory   Nov 2022 - Jul 2025
Instructor

- Laboratory Instructor who focuses on teaching and guiding students in practicum. Design and deliver practicum materials clearly, provide hands-on support in assignments, and create a positive learning environment. The goal is to help students achieve in-depth understanding and skills relevant to the practicum subject.

Bangkit Academy 2024 led by Google, Tokopedia, Gojek, & Traveloka   Feb 2024 - Jun 2024
Cohort

- Learn about cloud computing including an understanding of networking, cloud services such as Compute Engine and App Engine, and managing infrastructure as a service (IaaS) and platform as a service (PaaS). Develop skills in designing optimal cloud architectures, implementing security and compliance, and using automation and DevOps tools such as Terraform and Ansible for efficient infrastructure management.
- Practiced creating a backend application that integrates with Google Cloud Console, including the use of various cloud services such as Compute Engine, Cloud Functions, and Cloud Storage to support backend functionality. In the machine learning application, placing the exported model into the Google Cloud Storage bucket, creating a classification function to process data using the model, and storing the classification results into Firestore for storage and further analysis.
- Created a final project in collaboration with two other learning tracks, Machine Learning and Mobile Development. The project involved the integration of machine learning models for data analysis and classification, as well as the development of a mobile application that can interact in real-time with the implemented backend, creating a comprehensive and innovative solution.

Education Level

Universitas Gunadarma - Depok, Jawa Barat, Indonesia   Sep 2021 - Sep 2025
Bachelor of Informatika, 3.91/4.00

Skills, Achievements & Other Experience

- **Soft Skills**: Time Management, Team Work, Technical problem solving skills with good logic, Good writing and communication, High desire to learn, Initiative and Creativity, Analytical Thinking
- **Hard Skills**: Javascript, Node Express Js, MongoDB, MySQL, API, Microservices, Python, Basic Cloud Infrastructure (GCP), UI/UX, Figma, Go, NoSQL
- **Interest**: Backend Developer
- **Language**: Indonesia (Native), English (Intermediate & Passive)