

Muhammad Raihan Fauzi

I am a fresh graduate in Informatics from Telkom University with a strong academic background and a deep passion for software engineering. Proficient in mobile development and machine learning, I have hands-on experience building various mobile, web, and machine learning based projects. Motivated, results-oriented, and eager to contribute in a challenging role where I can apply my skills to create meaningful impact.

EDUCATION

LASKAR AI by Lintasarta, Dicoding, Nvidia – Remote Learning
AI Engineer & Data Scientist Learning Path

February - June 2025

BANGKIT ACADEMY by Google, Goto, Traveloka – Remote Learning
Mobile Development Learning Path

February - July 2023

TELKOM UNIVERSITY – Bandung
Faculty of Informatics, Bachelor's degree, Informatics
GPA 3.73 (Cum Laude)

September 2020 - December 2024

SKILL AND COMPETENCIES

- | | | |
|----------------|--------------------|--------------|
| • Kotlin | • Python | • Team Work |
| • Flutter | • Machine Learning | • Leadership |
| • React Native | • Deep Learning | • Express.js |
| • Java | • Computer vision | • Postman |
| • Javascript | • Data Science | • Firebase |
| • React.js | • Microsoft Azure | • OOP |
| • Next.js | • Tensorflow | • Figma |

EXPERIENCE

Telkom University

October 2024 - January 2025

Software Engineering Lecturer Assistant

- Provide guidance to 70+ students on Software engineering in the software implementation and design phase in creating mobile applications and websites, as well as the creation of documents ranging from SKPL, DPPL, DUPL, to User Manual.

Telkom Indonesia

April - September 2024

Mobile Engineer Intern

- Developed several CRUD features on mobile using Kotlin and Flutter, connected to the API using the MVVM architecture. Created error handling to fix various bugs. Implemented clean code practices. Collaborated with the team to build features. Used the Scrum framework for task division.

Telkom University

October 2023 - January 2024

Software Engineering Lecturer Assistant

- Provide guidance to 35+ students on Software engineering in the software implementation and design phase in creating mobile applications and websites, as well as the creation of documents ranging from SKPL, DPPL, DUPL, to User Manual. Assess all assignments from weekly assignments to project assignments.

Telkom Indonesia

August - December 2023

Mobile Engineer Intern

- In this internship, I was placed on the PaDi UMKM project as a Mobile Engineer Intern, developing mobile applications with React Native. During this internship, I successfully contributed to fixing bugs and defects, as well as improving several interfaces in the PaDi UMKM mobile application.

Organization

Mobile Innovation Laboratory of Telkom University

Head of Public Relations (Laboratory Assistant)

August 2023 - August 2024

- Developed and executed work programs that strengthened student engagement and public awareness of the laboratory.

- Directed strategic communication efforts to bridge internal and external relations effectively.
- Led the team in managing social media platforms and designing promotional materials to enhance the laboratory's outreach.

Head of Publication, Decoration, and Documentation of MotionHack 3.0

March - April 2024

- Leading the division to coordinate the needs for publication, decoration, and documentation. Responsibilities included providing publicity materials for broad audience outreach as a promotional medium, designing event decorations, and ensuring thorough documentation throughout the event.

Himpunan Mahasiswa S1 Informatika

Creative Bureau Staff & Secretary

April 2022 - March 2023

- Responsible for creating and editing creative materials such as merchandise designs, Instagram content, videos, and division and bureau logos. Edited the company profile video for the S1 Informatics Study Program. Acted as a mediator for design requests from other divisions.

Publication & Creative Staff of Interfest

September - December 2022

- Become a person in charge in Interfest Programming Competition by creating feeds & stories from event registration to announcement of winners.

AWARDS & PROJECTS

- **Top 10 in Microsoft ElevAlte Hackathon Hub Telkom University 2025** - Developed an innovative machine learning-driven rehabilitation mobile app, selected among national level competitors including students and professionals.
- **Author and Presenter at the 7th International Conference on Data Science and Its Applications 2024** - My paper titled "Food Type Detection Using the Convolutional Neural Network Method for Calorie Counter Applications." After the conference, the paper was published in IEEE Xplore, further broadening its reach and impact within the scientific community.
- **3rd Place in ITFest Hackathon 2024** - DevLabs is an all-in-one platform designed to facilitate seamless collaboration between clients, architects, and builders throughout every stage of a project. The mobile application, built using Kotlin, follows the MVVM architecture (Model-View-ViewModel) to enhance code structure and maintainability.
- **3rd Place in JBC Business Plan Competition 2022** - Develop DevLabs business plan, a platform that will provide convenience in real estate development, from consulting with architects to monitoring progress.
- **The 5 Best Project Plans Award in Z Future Leader 2021** - Make project plans for Gen-Z so they can compete and change Indonesia for the better and get mentorship.
- **Develop Fitnessist using Kotlin** - Fitnessist is a revolutionary fitness application. This is an application made for my final project and at Bangkit Academy. This app has its own Backend API and machine learning model. The machine learning model created is to detect food calories from the photos taken in the application and then sent to the backend.
- **HR Data Science Solution Employee Attrition Analysis** - Overall, this analytical project successfully revealed that employee attrition is influenced by a combination of demographic factors, job-related aspects, and the work environment.
- **Machine Learning Project : Fruit Quality Classification using MobileNetV2, Music Recommendation System using Content Based Filtering and Collaborative Filtering, Time Series Forecasting NVDA Stock using LSTM GRU CNN, Clustering and Classification on Bank Transaction Dataset, Sentiment Analysis Gopay App**

LICENCES & CERTIFICATIONS

- **Microsoft Certified Azure AI Fundamentals by Microsoft** 2025
- **Membangun Sistem Machine Learning by Dicoding** 2025
- **Machine Learning Terapan by Dicoding** 2025
- **Penerapan Data Science by Dicoding** 2025
- **Flutter Developer Expert by Dicoding** 2025
- **Back-End Mentee of Digistar Class by Digistar Club by Telkom Indonesia** 2024
- **Belajar Pengembangan Aplikasi Android Intermediate by Dicoding** 2023
- **Intensive Bootcamp Laravel Web Development by SanberCode** 2023

PORTOFOLIO

LinkedIn : <https://www.linkedin.com/in/muhammad-raihan-fauzi/>

Github : <https://github.com/mraihanfauzii>

Website Portfolio : <https://mraihanfauzi.vercel.app/>