MUHAMMAD NAJMI KAMIL

081214945327 | najmi.kamil@gmail.com | https://www.linkedin.com/in/muhammad-najmi-kamil-a1b233232/ | Cimahi, Jawa Barat

Informatics graduate from Telkom University with a strong passion for Frontend Development and Computer Vision. Experienced in building interactive web interfaces and developing mobile applications. Possesses a deep understanding of programming, data structures, and the application of AI technology in computer vision. A combination of technical skills and creativity makes me ready to contribute to the development of innovative solutions in the technology industry.

Education

Telkom University - Bandung Indonesia   Sep 2021 – Feb 2025

Bachelor of Informatics

GPA 3.83/4.00

Work Experience

Frontend Developer Intern – PT Telkom Indonesia Tbk - Bandung Indonesia   Jul 2024 – Aug 2024

- Automated internal processes with RPA, including email management.
- Improved the usability and performance of the company's internal meeting room booking application using JavaScript & React.js, aligning with UI/UX best practices.
- Integrated frontend and backend via API using Docker & Node.js.

Organizational Experience

Google Developer Student Club Telkom University   Dec 2023 – Dec 2024

Member of Mobile Development

- Learned the fundamentals of mobile application development using Flutter.
- Explored UI/UX principles in cross-platform application development.
- Built a simple mobile application.

Machine Learning Bootcamp Participant

- Fundamentals of Machine Learning
- Setup YOLOv5, TensorFlow, API Development, Python Programming

Practice Assistant of Operating System- Lab Informatika Telkom University   Feb 2024 – Jul 2024

- Taught students about Operating Systems using Debian Linux.
- Provided hands-on practice in C programming for system-level operations.
- Assisted students with troubleshooting and debugging code during lab sessions.
- Evaluated assignments and provided feedback to enhance their understanding.

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

- Developed an Android app with Kotlin, leveraging TensorFlow Lite and Jetpack Compose.
- Created "RasaGram", an AI-powered app that recognizes traditional foods using Computer Vision.
- Completed an Instructor-Led Training program to refine soft skills, strengthen personal branding, and enhance professional communication.

Project

RasaGram   Apr 2024 – Jun 2024

- Built RasaGram, an AI-powered Android app for recognizing traditional Indonesian foods.
- Integrated TensorFlow Lite for image classification and on-device model deployment.
- Designed a responsive UI with Jetpack Compose in a collaborative team environment.

Zebra Cross Violation Detection with YOLOv9: A Novel Approach for Traffic Regulation in Indonesia   Sep 2024 – Feb 2025

- Engineered an AI-driven zebra cross violation detection system using YOLOv9, optimizing real-time monitoring.
- Analyzed 1,100 images and 100 CCTV videos, achieving 93% accuracy in violation detection.
- Pioneered a solution with the potential to automate traffic enforcement and enhance road safety.