Raden Gheryl Ivan Mahardika

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LinkedIn **|** GitHub **|** Portfolio

About Me

A 3rd year Informatics Engineering student at Politeknik Negeri Jakarta with strong interests in Artificial Intelligence, Cloud Computing, and Back-End Development. I am highly interested in pursuing a career as an AI Engineer, Back-End Developer, or Cloud Computing Engineer.

Education

Politeknik Negeri Jakarta (2022-2026)

D4 Informatics Engineering – GPA 3.72

- Proficient in API development using Python, JavaScript, and PHP
- Proficient in training and evaluating Artificial Intelligence models
- Understands the Software Development Life Cycle (SDLC)

CCIT FTUI (2022-2024)

Information Technology – GPA 3.61

- Skilled in developing applications using Java
- Proficient object-oriented programming paradigms
- Skilled in using the Hibernate framework

Projects

***Cloud Engineer & Back-End Engineer LeafSense* (September 2024 – December 2024)**

- Served as project leader
- Designed the application's backend architecture using Google Cloud Platform
- Implemented a CNN model based on ResNet50 architecture by creating an API using Node.js with the Express framework

  GitHub: github.com/Leaf-Sense

***AI Engineer & Back-End Engineer LuniXhar* (January 2025 - June 2025)**

- Designed applications based on industry criteria
- Trained and evaluated FP-Growth algorithm to find itemset associations
- Designed architecture and implemented machine learning models for human motion detection (YOLOv8), chatbot (IndoT5), and association mining (FP-Growth), by creating real-time APIs in Python and deploying them to Google Cloud Platform

  GitHub: github.com/GherylMahardika/LuniXhar-ML-API

Skills

- Technical Skills: Python, Java, JavaScript, Node.js, Express.js, FastAPI, HTML, CSS, Git, GitHub
- Soft Skills: Teamwork, Communication Skills, Detail-Oriented, Time Management

Certifications

- BNSP Competency Certificate – Programmer
- NIIT Certificate – Software Engineering
- CCIT FTUI – IT Professional Certificate