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Giriputra Galang Samudra

AI & Machine Learning Enthusiast

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Experience

Next-Gen AI Engineer Cohort – Asah 2026 led by Dicoding, supported by GoTo **Aug 2026 – Present**
Remote, Indonesia

- Selected through the **Asah 2026** admission process to join the Next-Gen AI Engineer learning path, a semester-long intensive program alongside thousands of tech talents across Indonesia.
- Developing industry-ready skills in **machine learning**, **deep learning**, and **generative AI** through self-paced Dicoding courses, live classes, and mentoring sessions.

Teaching Assistant – Operating Systems – Telkom University **Aug 2026 – Present**
Surabaya, Indonesia

- Mentored **60+** undergraduate Informatics students across **2** weekly practicum classes, covering process scheduling, thread synchronization, memory management, and Linux shell scripting.

Education

B.Sc. Informatics – Telkom University, Indonesia **2024 – Present**

Technologies and Languages

- **Languages:** Python
- **Frameworks & Libraries:** NumPy, Matplotlib, Scikit-Learn, TensorFlow, Keras, PyTorch
- **Generative AI:** Stable Diffusion, Bark (text-to-speech), open-weight LLMs
- **Other:** Machine Learning, Deep Learning, Generative AI

Projects & Achievements

Fundamental Generative AI Certification – Dicoding Indonesia **Nov 2026**

- Completed a 55-hour intermediate curriculum covering generative AI across text, image, and audio.
- Built multimodal generative pipelines, including text summarization with **open-weight LLMs** and text-to-speech with the **Bark** model.
- Built an image generation and editing model with **Stable Diffusion** as the final project.
- Credential: dicoding.com/certificates/JMZVLE89OXN9

Fundamental Deep Learning Certification – Dicoding Indonesia **Nov 2026**

- Completed a 110-hour intermediate curriculum covering neural networks, NLP, time series, image classification, recommendation systems, reinforcement learning, and generative AI.
- Built and trained deep learning models with **TensorFlow** and **Keras**, including RNN/LSTM for time-series forecasting and text classification for sentiment analysis.
- Developed an **image classification** model as the final project, and converted it for deployment across multiple platforms.
- Credential: dicoding.com/certificates/L4PQW5077PO1

Machine Learning for Beginners Certification – Dicoding Indonesia **Jul 2026**

- Completed a 90-hour curriculum covering supervised learning (classification/regression), unsupervised clustering, and feature engineering.
- Built and evaluated **4** predictive ML models (Decision Trees, Linear Regression, K-Means) with hyperparameter tuning, achieving above **85%** accuracy on validation datasets.
- Credential: dicoding.com/certificates/0LZ0YK0EQX65