Aslamul Fikri Alfirdausi

Informatics & AI Integration Developer | ex-Bangkit Academy 2024 Machine Learning Cohort
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SUMMARY

Informatics graduate (Universitas Jenderal Achmad Yani) and Bangkit Academy 2024 Machine Learning alumnus. I build intelligent workflows, integrate AI models (LLMs and computer vision), and develop practical digital solutions through clean code and automation. Open to opportunities in AI development, backend engineering, and workflow automation.

EXPERIENCE

Teaching Assistant, Game Theory Mar 2026 - Jun 2026
Universitas Jenderal Achmad Yani (Unjani), Cimahi, West Java
- Assisted in delivering the Game Theory course for the Informatics program.

Software Engineer Intern Jul 2025 - Aug 2025
Pemerintah Kota Cimahi (Cimahi City Government), West Java
- Contributed to software development as an engineering intern within the city government.

Machine Learning Cohort Sep 2024 - Jan 2025
Bangkit Academy led by Google, Tokopedia, Gojek & Traveloka
- Completed an intensive 5-month program covering TensorFlow, supervised and unsupervised learning, and recommender systems.

PROJECTS

Bunker Guard: AI-Powered Deduction Game Final Thesis | Solo Developer
- Built end to end a 2D deduction game where every NPC is an autonomous LLM agent (Unity, C#, n8n, Google Gemini API); shipped on Android and Windows. masrigaa.github.io/Bunker-Guard
- Replaced a RAG pipeline (3.5 s latency) with In-Context Learning, cutting response latency by 75.5% to 0.844 s.
- Reached 88.3% persona accuracy and 0 errors in a 400-request stress test; playtesters rated it 4.57/5.

Published n8n Automation Workflows Verified n8n Creator | 1,250+ views
- **Bunker Guard NPC Chat + Lore Checks:** RAG backend for LLM-driven NPCs using a Gemini agent, vector store, and strict JSON output for the game engine. n8n.io/workflows/16885
- **All-in-One Discord Assistant:** Discord bot that routes by intent to Gemini chat, Google Cloud Vision file analysis, and image generation. n8n.io/workflows/12097
- **Viral Social Media Trends Discovery:** scheduled multi-platform scraping pipeline with Gemini trend analysis and alerts via Slack and Gmail. n8n.io/workflows/12178

EDUCATION

Universitas Jenderal Achmad Yani (Unjani) 2022 - 2026
Bachelor of Informatics | Thesis: AI-driven deduction game with In-Context Learning LLM agents

SKILLS

Languages: Python, C#, Java, C++

AI & Automation: Google Gemini API, LLM integration, Prompt Engineering, RAG & Vector DB, In-Context Learning, TensorFlow (TF Lite, TF.js), Computer Vision, n8n, REST / Webhooks, Data Science

Tools & Game Dev: Unity 2D, GitHub

CERTIFICATIONS

- **Machine Learning & Deep Learning** (DeepLearning.AI, Coursera, 2024): Machine Learning Specialization (Stanford); TensorFlow Developer Professional Certificate; Structuring Machine Learning Projects; Linear Algebra for Machine Learning and Data Science; Build Basic Generative Adversarial Networks (GANs); Generative AI for Everyone
- **TensorFlow Advanced & Deployment** (DeepLearning.AI, Coursera, 2024): Custom Models, Layers, and Loss Functions; Custom and Distributed Training; Advanced Computer Vision; Data Pipelines with TensorFlow Data Services; Browser-based Models with TensorFlow.js; Device-based Models with TensorFlow Lite
- **Python & Data** (2024): Crash Course on Python (Google, Coursera); Using Python to Interact with the Operating System (Google, Coursera); Belajar Analisis Data dengan Python (Dicoding)