

TISEE

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I'm a 7th- semester Informatics student at Telkom University with a deep interest in Artificial Intelligence. Through internships and academic projects, I've gained experience in developing AI-powered applications, processing data, and building interactive features for virtual-world environments. Beyond the technical side, I enjoy collaborating with others and bring critical thinking, adaptability, and problem-solving skills to every team.

WORK EXPERIENCES

Medusa Technology - Jakarta, Indonesia

Jun 2026 - Aug 2026

Programming Intern

Education technology company building immersive virtual-world learning, simulation, and interactive digital training experiences.

- Developed intelligent NPCs for OpenSim using agentic RAG, hybrid retrieval, player-specific memory, and context-aware animations for natural, persistent conversations.
- Built and deployed FastAPI services connecting in-world scripts with external AI, scoring, and data systems in real time.
- Engineered racing and algorithm-learning simulations with anti-cheat validation and dynamic leaderboards.

PT. Indonesia Indicator - Tangerang Selatan, Indonesia

Feb 2023 - Aug 2023

IT & Data Intern

Big data and AI research institute analyzing political, economic, and social trends in Indonesia.

- Built automated data collection and extraction workflows for political, economic, and social research datasets.
- Prepared, validated, and analyzed data to support model deployment and monitoring activities.
- Contributed to internal tools that streamlined recurring research and operational workflows.

PT. Gucob E-Service (Lenza.co.id) - Jakarta, Indonesia

Feb 2021 - Jan 2023

Digital Marketing Freelancer

E-commerce brand specializing in colored and clear contact lenses.

- Produced and edited promotional content for social media campaigns across the brand's digital channels.
- Designed newsletters and tracked campaign engagement through Shopify to inform content decisions.
- Managed content scheduling and customer interactions to maintain brand consistency and service quality.

EDUCATION

Universitas Telkom - Bandung, Indonesia

Sep 2023

Bachelor of Informatics, 3.66/4.00

ORGANIZATION

Artificial Intelligence Laboratory - Telkom University, Bandung

Oct 2023 - Feb 2024

Developed a house price prediction application using CatBoost and Streamlit, while contributing to applied AI initiatives across machine learning, NLP, and image processing.

SELECTED PROJECTS

NPC AI RAG — 2026

Built an agentic-RAG NPC system for OpenSim with hybrid retrieval, per-avatar memory, and context-aware animations, enabling natural conversations that persist across sessions.

Tech stack: FastAPI, Llama 3, LangChain, ChromaDB, Python, LSL/OSSL

Algorithm Learning Simulator — 2026

Built an interactive learning simulator that evaluates submitted code, delivers real-time feedback, visualizes solutions in OpenSim, and supports scoring and leaderboards for hands-on practice.

Tech stack: FastAPI, Python, AST code runner, LSL/OSSL, OpenSim

Posyandu Information System — 2026

Developed a mobile-first platform for toddler records, growth monitoring, attendance, dashboards, and period-based reporting. Added AI-assisted insights to help cadres identify follow-up needs.

Tech stack: Next.js, TypeScript, Tailwind CSS, REST API, PostgreSQL, Groq AI