

Muhammad Yassir Al 'Ghazi Wattiheluw

Informatics graduate with hands-on experience as an IT Support Intern at PT Telkom Indonesia. Skilled in data collection, automation, teamwork, time management, and problem-solving, with a strong interest in data-driven solutions and system development.

Bogor, Jawa Barat | yassuybusiness@gmail.com | +6285175138441 | [Portofolio](#)

EDUCATION BACKGROUND

Telkom University

Bachelor of Computing. GPA 3.71 out of 4.00

Bandung, Jawa Barat

Sep 2022 – Mar 2026

Relevant courses: Data Structures and Algorithms, Database Systems, Machine Learning, Data Mining, Artificial Intelligence, Statistics, Data Visualization, UI/UX

PROFESSIONAL EXPERIENCES

PT Telkom Indonesia (Persero) Tbk

IT Support Intern

Bogor, Jawa Barat

Jun 2025 – Aug 2025

- Developed a local PDF-based chatbot using Ollama, enabling users to interact with and understand the contents of PDF documents more efficiently.
- Collected and compiled school data across the Bogor area using web scraping techniques and the Google Maps API to support data mapping and analysis needs.
- Transformed unstructured text data into structured formats to improve information retrieval performance.
- Applied natural language processing (NLP) methods to enhance query understanding and response relevance.

PROJECT

Heart Failure Risk Prediction using TabNet and SHAP

Subject Final Project

Telkom University

May 2025 – Dec 2025

- Developed a transfer learning-based TabNet model for heart failure mortality prediction, achieving 0.94 recall, 0.87 ROC AUC, and 0.75 PR AUC, with SHAP analysis for clinical interpretability. Published at ICIMCIS 2025, indexed in Scopus.

Amazon Movies & TV Sentiment Analysis (Big Data & NLP Project) – Group Project

Subject Big Data & AI

Telkom University

Sep 2025 – Dec 2025

- Fine-tuned a RoBERTa model for sentiment classification on 260K+ Amazon reviews using natural language processing techniques.

Climate Action Data Visualization – The Data Lab Competition – Group Project

Subject Data Visualization

Telkom University

Sep 2025 – Dec 2025

- Developed data visualizations and storytelling insights using real-world datasets to communicate climate action impacts.

Remindly Web Developer (Web-Based Academic Reminder System) – Group Project

Subject Computing Project

Telkom University

Sep 2025 – Dec 2025

- Developed a centralized web-based academic reminder system with secure JWT-based authentication, role-based access control, and a modular FastAPI backend for task management and user administration.

Influential User Identification on Twitter/X (#FreePalestine Campaign) – Group Project

Subject Social Network Analysis

Telkom University

Apr 2025 – Jun 2025

- Conducted social network analysis on Twitter/X data using Louvain and centrality metrics to identify influential users and community structures.

SKILLS & LANGUAGES

Skills: Microsoft Office (Word, Excel, PowerPoint), Python, Jupyter Notebook, Gephi, LangChain

Languages: Indonesian (Native), English (Intermediate)

ACHIEVEMENTS AND AWARDS

- Published research at the International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS) 2025, indexed in Scopus