

# ENDI PERMANA



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Eighth semester Information Systems student at Kwik Kian Gie School of Business with a focus on Data Scientist, System Analyst, Web Development, and System Design. Dedicated to further developing skills to drive future career success.

## EDUCATION

Information System	Sep 2021 - Present
KWIK KIAN GIE SCHOOL OF BUSINESS	GPA: 3.9
<u>Institution</u> . <u>GPA Transcripts</u>	
MIPA	Jan 2018 - Jan 2021
SMAN 1 JONGGOL	
<u>Institution</u>	

## PROJECTS

Final Project for Subject "Visual Programming" (6th Semester) 	May 2024 - Jun 2024
GRADE A	
<ul style="list-style-type: none"><li>This visual programming system serves as a comprehensive solution to simplify library data management. Equipped with full CRUD (Create, Read, Update, Delete) functionality and an easy-to-use data search feature, the system allows librarians to easily add, view, update, and delete book, member, and book category data efficiently. Moreover, the system provides specialized modules for managing the recording of book borrowing and return transactions.</li></ul>	
Technologies Used : Java and VB.Net	
Final Project for Subject "Mobile and Digital Programming" (6th Semester) 	Apr 2024 - Jun 2024
GRADE A	
<ul style="list-style-type: none"><li>This application is designed to perform temperature conversion from Celsius to various other temperature units quickly and conveniently. Users can input values in Celsius and select target temperature units such as Fahrenheit, Kelvin, or Reamur. The application provides instant conversion results, making it easy for users to calculate and understand temperature differences across different scales. With an intuitive interface, this application is suitable for both everyday and professional use where temperature conversion is needed.</li></ul>	
Technologies Used : Java and Android Studio	

## ORGANIZATIONAL & VOLUNTEER EXPERIENCE

President	Jul 2023 - Present
Organisasi Tunas Bangsa Desa Motivator	North Jakarta
Leading and managing the student organization of <u>Organisasi Tunas Bangsa Desa Motivator</u> . Able to coordinate various <u>activities</u> , such as preserving history through educational and creative activities, social activities to improve access to education, and developing soft skills and hard skills for members.	
Head of Equipment Division	May 2022 - Jul 2023
Organisasi Tunas Bangsa Desa Motivator	North Jakarta
Compiling a comprehensive equipment needs plan based on the type of activities to be carried out, such as presentations, museum visits, educational socialization, and others. Being responsible for the maintenance of existing equipment and conducting regular inventory checks to ensure the availability and suitability of equipment during the event.	

## WORK EXPERIENCE

AI Engineer Intern	Feb 2025 - Present
PT. Salam Pacific Indonesia Lines	Jakarta Utara
Developed an AI-powered Interview Assistant system to streamline the candidate evaluation process. The tool captures real-time interview conversations, transcribes them into text, and offers dynamic, context-aware support for interviewers. Key features include:	
<ul style="list-style-type: none"><li><b>Speech Recognition:</b> Integrated real-time speech-to-text technology for accurate transcription of interview conversations.</li><li><b>Natural Language Processing (NLP):</b> Leveraged NLP techniques to extract key entities, topics, and sentiment from the conversation. Used semantic analysis to detect competencies, motivations, and intent in responses.</li><li><b>Dynamic Question Suggestions:</b> Designed topic-based follow-up question algorithms that adapt based on the context of the interview, allowing for deeper probing and assessment.</li><li><b>Job Fit Similarity Engine:</b> Implemented a similarity matching system that compares transcribed responses with job descriptions and job specifications using vector embeddings (e.g., SBERT or other transformer-based models). This feature highlights how well a candidate's spoken responses align with required qualifications, skills, and responsibilities.</li></ul>	

- **Decision Support Recommendation:**  
Based on similarity scoring and keyword overlap, the system suggests a summary of fit/gap analysis between the candidate and the target role. Helps interviewers make more informed and consistent evaluation decisions.
- **Interactive User Interface:**  
Built a user-friendly UI that displays:
  - Semi Real-time transcription
  - Suggested questions
  - Job match insights and recommendations

AI Engineer Intern

Nov 2024 - Present

PT. Salam Pacific Indonesia Lines

Jakarta Utara

**Stock Monitoring System and Container Repair Priority (Internship Project)**

Develop a system to monitor component usage for container repairs and prioritize containers needing repairs based on specific criteria.

- **Key Features:**
  - Real-time monitoring of component inventory for container repair activities.
  - Displays detailed usage data for repair components, including quantity and type.
  - Generates a prioritized list of containers requiring repair based on urgency, damage severity, or operational needs.
  - Provides visual reports and alerts when stock levels reach critical thresholds.
  - Supports multi-user access with different roles for inventory management and repair scheduling.

AI Engineer Intern

Oct 2024 - Present

PT. Salam Pacific Indonesia Lines

Jakarta Utara

**Chatbot for CIC (Internship Project)**

Develop an interactive web-based chatbot to assist users in retrieving container-related information based on status, depot location, and specific dates.

- **Key Features:**
  - Supports container data queries based on various criteria: status, depot location, and date.
  - Displays container information such as quantity, type, and current status.
  - User-friendly, responsive text-based conversational interface.
  - Real-time data retrieval through database integration.
  - Handles complex queries with multi-criteria filters.

AI Engineer Intern

Aug 2024 - Present

PT. Salam Pacific Indonesia Lines

Jakarta Utara

**Actual Container Prediction System (Internship Project)**

- Develop a predictive system to estimate whether the containers booked match those that will be on the ship, optimizing logistics efficiency.
- The applied ensemble models include RandomForestRegressor, XGBoost, and GradientBoosting to improve prediction accuracy.
- Achieved strong model performance with the following metrics:
  - MSE = 1.67
  - R<sup>2</sup> = 0.77
  - MAE = 0.56
  - RMSE = 1.29

SKILLS

Analysis & Design Skills:

Business Process Modeling, Requirements Gathering, Use Case, UML, Flowchart

Soft Skills:

Critical Thinking, Analytical Skills, Decision Making, Communication Skills, Teamwork

Data Management:

Data Analysis, Data Cleansing, ETL (Extract, Transform, Load), Power BI, Data Visualization, SQL


Web Development:

HTML, PHP, CSS, JS


Programming:

Python


CERTIFICATIONS

Advanced Learning Algorithms  by Stanford Online

Mar 2025

Supervised Machine Learning: Regression and Classification  by Stanford Online

Sep 2024

Intro to Data Analyst (RevoU) 

Jan 2024