

# ANGELITA DUMARIA PANJAITAN

Pancoran, South Jakarta, Indonesia | angelita.djait@gmail.com | +6282273614898 | <https://www.linkedin.com/in/angelita-dumaria-panjaitan-580ab7218/> | <https://github.com/angelitapanjaitan> | <https://public.tableau.com/app/profile/angelita.panjaitan/vizzes> |  
Portofolio : <https://cvangelita.netlify.app/>

## Professional Summary

I am a recent graduate in Information Systems from Institut Teknologi Del with a passion for analyzing business processes and translating them into effective system solutions. I focus on aligning technology with business goals, and I am skilled in gathering requirements, creating process flow diagrams, and collaborating with cross-functional teams. I have hands-on experience with tools such as SQL, Trello, Draw.io, StarUML, and Bizagi to support system and business analysis. With a strong foundation in analytical thinking, problem-solving, and attention to detail, I am eager to learn and contribute to impactful projects.

## Education

### Bachelor of Information System

Institut Teknologi Del – Laguboti, North Sumatera Sept 2020 – Sept 2024

GPA: 3.48/4.00

## Technical Experience

### Research Assistant / Product Assistant

PT. Bintang Fasa Informatika – Jakarta, Present

- Assisted in data collection, cleaning, and organization, providing insights through analysis using Excel and Python.
- Supported literature review and documentation of research progress.
- Collaborate with the team in discussions, testing ideas, and contributing to research-based projects.

### PJLP Data Scientist

Kementerian Komunikasi dan Digital (KOMDIGI) – Jakarta, 2024

- Conducted data preprocessing and data processing to prepare datasets for analysis using tools like Excel and Python.
- Developed and maintained an interactive dashboard using React.js to present actionable insights for decision-making.

### Student Machine Learning Engineer

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka – Jakarta, 2024

- Worked with machine learning frameworks to process and analyze large datasets.
- Contributed to the development of a machine learning-based application, Jogja Food Finder, as part of a capstone project.

### Web Developer Intern

PT Hagatekno Mediata Indonesia – Medan, 2023

- Worked closely with business stakeholders to translate requirements into technical specifications for web development.
- Built responsive user interfaces and integrated backend logic with systems using Laravel and MySQL.

### Teaching Assistant, Calculus Jilid 2

Institut Teknologi Del – Laguboti, North Sumatera, 2022

- Assisted lecturers in explaining advanced calculus concepts and supported students in understanding complex materials.
- Developed supplementary materials and provided feedback on assignments and exams.

## Project Experience

### Research and Development LLMs

PT. Bintang Fasa Informatika – Jakarta, 2025

- Conducted data gathering, preprocessing, and processing to support the development of AI-based systems.
- Implemented "prompting" techniques in LLM development to enhance model performance.
- Collaborated with designer, developers, and researchers to ensure product quality and user-centered AI solutions.

### Forecasting Stock Market using CNN

PT. Bintang Fasa Informatika – Jakarta, 2025

- Led the analysis of stock market data and the development of predictive models using Convolutional Neural Networks (CNN).

## **Final project: Leveraging Transformer-Based Visual, Audio, and Text Features for Crowdfunding Campaign Success Prediction**

*Institut Teknologi Del – Laguboti, North Sumater, 2023 – 2024*

- Conducted requirement analysis and collaborated with stakeholders to define project goals.
- Integrated transformer-based models to analyze features and predict crowdfunding success, leading to better understanding of campaign dynamics.
- Managed the entire project lifecycle, including data collection, preprocessing, model development, and deployment.

## **Data Warehouse and Business Intelligence Project: Kickstarter Data Mart and Dashboard**

*Institut Teknologi Del – Laguboti, North Sumatera, 2023*

- Developed a data mart by extracting data from the Kickstarter API using Pentaho Data Integration.
- Created an interactive Tableau dashboard to visualize Kickstarter project performance and trends, enabling data-driven decision-making.

## **ERP Course Project: Design and Implementation of ERP System for Inventory Management Using Dolibarr and Odoo**

*Institut Teknologi Del – Laguboti, North Sumatera, 2023*

- Designed and implemented an ERP system for inventory management by customizing Dolibarr and Odoo to meet business needs.
- Integrated ERP functionalities to optimize stock management, procurement, and distribution.

## **AI Project: CNN Implementation for Face Recognition in Class Attendance**

*Institut Teknologi Del – Laguboti, North Sumatera, 2022*

- Developed a CNN model for face recognition to automate class attendance, reducing manual effort and improving accuracy.

## **Information System Course Project: Tobatabo Stay Website using Laravel Framework**

*Institut Teknologi Del – Laguboti, North Sumatera, 2022*

- As a Business Analyst and Manual Tester, Prepared testing documentation using manual black-box testing methodology to ensure system functionality met requirements.
- Contributed to user requirement analysis, system design, and evaluation of test results to improve product quality.

## **Skills**

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### **• Technical Skills**

- **Data Processing:** Microsoft Excel, Tableau, Pentaho Data Integration
- **Database Management:** Microsoft SQL Server, MySQL, PostgreSQL
- **Business Process Modeling:** Draw.io, Bizagi
- **ERP Tools:** Odoo, Dolibarr
- **UI/UX Design:** Figma Canva
- **Web Development:** HTML, CSS, React.js, PHP
- **Programming Languages:** Python, JavaScript

### **• Soft Skills**

- Systematic, Analytical, Creative, Decision-making, Problem Solving
- Teamwork, Leadership, Interpersonal Skills, Hardworking

### **• Languages:**

- Indonesian: Native
- English: Intermediate

## **Competitions and Achievements**

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- Top 5, Hackathon AI Code for the Nation: Developed a deep learning-based facial recognition system for classroom attendance (2022).
- Selected team, Kewirausahaan Mahasiswa Indonesia (KMI) Expo XIV (2023).
- Selected team, Program Pendanaan Mahasiswa Wirausaha (P2MW) (2023).

## **Organization and Leadership**

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- Member, HIMSI IT DEL (2021 – 2024)
- Member, Student Executive Board, Communication and Information Department (2021 – 2023)
- Volunteer, F1H20 2023 Organizing Committee (2023)
- Volunteer, Toba Marathon 2023 Organizing Committee (2023)