# ANGELITA DUMARIA PANJAITAN

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## Professional Summary

Hi, I'm Angelita, a fresh graduate in Information Systems from Institut Teknologi Del with a strong passion for analytical and systematic thinking. I am particularly interested in roles that emphasize accuracy, structured approaches, and detailed analysis, such as in the field of data analysis, business analysis, or similar areas. My strong organizational skills, ability to work both independently and collaboratively, and proactive approach make me well-suited for positions that require precision and a methodical mindset. I am eager to apply my skills to drive efficiency and contribute effectively to a dynamic team.

## Education

**Bachelor of Information System**
*Institut Teknologi Del – Laguboti, North Sumatera Sept 2020 – Sept 2024*
GPA: 3.48/4.00

## Technical Experience

**PJLP Data Scientist**
*Kementerian Komunikasi dan Digital (KOMDIGI), Indonesia 2024*
- Conducted data preprocessing and data processing using Excel and Python to prepare datasets for analysis.
- Built an interactive dashboard using React.js to visualize insights and provide user-friendly access to key data points.

**Student Machine Learning Engineer**
*Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka – Indonesia, 2024*
- Gained practical experience in data processing, model deployment, and the use of machine learning frameworks.
- Developed a machine learning-based application, Jogja Food Finder, using TensorFlow, as part of a capstone project.

**Web Developer Intern**
*PT Hagatekno Mediata Indonesia – Medan, Indonesia, 2023*
- Converted business needs into technical specs for web development.
- Collaborated with stakeholders to document and refine system features.
- Built responsive UIs using HTML, CSS, and JavaScript.
- Integrated application logic with Laravel and managed MySQL databases.
- Supported server setup, deployment, and conducted thorough testing.

**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

**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 visual, audio, and text features, predicting crowdfunding campaign success.
- Managed the project lifecycle, including data collection, preprocessing, model development, and deployment.
- Documented and presented findings to both technical and non-technical audiences.

**Data Warehouse and Business Intelligence Project: Kickstarter Data Mart and Dashboard**
*Institut Teknologi Del – Laguboti, North Sumatera, 2023*
- Built a data mart and interactive dashboard using Pentaho Data Integration and Tableau.
- Extracted and transformed data from the Kickstarter API, loading it into a data mart for visualization.
- Created an interactive dashboard to analyze trends and performance of Kickstarter projects.

**ERP Course Project: Design and Implementation of ERP System for Inventory Management Using Dolibarr and Odoo**
*Institut Teknologi Del – Laguboti, North Sumatera, 2023*
- Developed an ERP system to manage inventory based on a case study, configuring Dolibarr and Odoo to track stock, handle procurement, and manage distribution.
- Customized the system to fit the case study's needs and integrated it with other ERP features for optimal efficiency and data accuracy.

**AI Project: CNN Implementation for Face Recognition in Class Attendance**
*Institut Teknologi Del – Laguboti, North Sumatera, 2022*
- Implement a Convolutional Neural Network (CNN) for automating class attendance by accurately identifying and verifying student faces in real-time.
- The system, trained on a diverse dataset, handles variations in lighting, angles, and facial expressions, reducing manual effort, minimizing errors, and ensuring precise attendance monitoring.

**Information System Course Project: Tobatabo Stay Website using Laravel Framework**
*Institut Teknologi Del – Laguboti, North Sumatera, 2022*
- The "Toba Tabo Stay" project links homestay owners with tourists through a platform for easy booking, detailed searches, and event information, aiming to boost tourism in the Toba region and improve customer engagement.

**Web Application Programming and Testing Course Project: Del Clinic Website (SIKlinik) using Laravel Framework**
*Institut Teknologi Del – Laguboti, North Sumatera, 2022*
- Developed the Del Clinic Website (SIKlinik) for a course project using Laravel and MySQL.
- As a Data Analyst, focused on implementing features for user management, appointment scheduling, and data handling to enhance clinic operations and user experience.

**Database Course Project: Implementation of ERD, CDM, PDM, and Database Normalization**
*Institut Teknologi Del – Laguboti, North Sumatera, 2022*
- Implemented ERD, CDM, PDM, and database normalization for a Database course project using Microsoft SQL Server Management and PostgreSQL.
- Developed and optimized database structures from a case study, ensuring effective data organization and integrity.

## Skills

- **Technical Skills**
  - **Data Processing:** Microsoft Excel, Tableau, Pentaho Data Integration
  - **Database Management**: Microsoft SQL Server, PostgreSQL
  - **ERP Tools**: Odoo, Dolibarr
  - **Business Process Modeling**: Draw.io, Bizagi
  - **UI/UX Design**: Figma
  - **Web Development**: HTML, CSS
  - **Programming Languages**: Python, JavaScript, React.js, PHP
- **Soft Skills**
  - Systematic, analytical, creative, decision making, hardworking, teamwork, problem solving, interpersonal skill, leadership
- **Languages:**
  - Indonesian: Native
  - English: Intermediate

## Competitions and Achievements

- 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

- 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)