

ANGELITA DUMARIA PANJAITAN

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Professional Summary

I'm a freshgraduate in Information Systems from Institut Teknologi Del, with a keen interest in roles that emphasize analytical thinking, precision, and structured problem-solving. I am passionate about applying my skills in data analysis, business analysis, and similar fields, where accuracy and attention to detail are paramount. With strong organizational abilities and a proactive approach, I am adept at working both independently and collaboratively to achieve goals. I am eager to contribute to a dynamic team, leveraging my technical expertise and methodical mindset to drive operational efficiency and deliver impactful results.

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 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

- 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.

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, MySQL, 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)