

Daniar Priambodo

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PROFIL

I am an Applied Data Science undergraduate with experience in data collection, data processing, and information verification. I am familiar with Microsoft Excel, Google Spreadsheet, and internet research. I have strong attention to detail, can work independently, and adapt quickly in administrative and data-related tasks.

EDUCATION

Electronic Engineering Polytechnic Institute of Surabaya **Aug 2023 - Present**
Applied Data Science, GPA 3,51/4.00

Project Experience

SiDesa - Analysis of Disparities and Typologies of Village Development in East Java
Data Science / Data Analyst **Aug 2025 – Des 2025**

- Built an interactive spatial dashboard to visualize regional disparities.
- Processed and analyzed regional data to identify development patterns and create interactive dashboards.
- Processed and integrated socioeconomic data with GIS shapefiles for geospatial analysis.

Langit.in – Climate Forecasting System for East Java **Feb 2025 – Jun 2025**
Data Science / Data Analyst

- Developed climate forecasting models using time-series analysis and machine learning techniques.
- Processed and cleaned multi-year climate datasets to generate accurate forecasting inputs.
- Evaluated model performance using RMSE, MAE, and cross-validation to ensure prediction accuracy.

ERP Supply Chain Data Mart – Production Module Integration
Data Engineer **May 2025 – Jun 2025**

- Developed and managed ETL pipelines using Pentaho Data Integration (PDI) to integrate production module data into the Supply Chain Data Mart.
- Performed data extraction from PostgreSQL and MySQL ERP sources, followed by transformation and loading into centralized analytical tables.
- Designed optimized fact–dimension data models to support production workflow analytics and supply chain reporting.

EcoScan – Web-Based Waste Classification System Using Convolutional Neural Networks (CNN) **Sep 2025 – Des 2025**
Data Science / Data Analyst

- Developed a CNN-based image classification model to identify waste categories with high accuracy.
- Collected, cleaned, and augmented image datasets to improve model generalization and robustness.
- Integrated the trained model into a web application for real-time waste classification.

ORGANISATION EXPERIENCE

Himpunan Mahasiswa Teknik Informatika (HIMIT PENS)
Research and Technology Department Staff **Oct 2024 - Present**

- Coordinated research and learning initiatives to strengthen HIMIT members' technical and academic skills.

Committee of the Mini Class X E-Code, HIMIT PENS 2025
Public Relations Division Committee **Feb 2025 - Mar 2025**

- Organized and facilitated the Mini Class program to enhance PENS students' technical and collaborative skills in UI/UX, frontend–backend development, and presentation readiness.

LKMM Pra-TD 2025 Committee
Liaison Officer Division Committee **Apr 2025**

- Served as a liaison representing the Association of Information Technology and Applied Data Science Students at EEPIS.

INTERNSHIP EXPERIENCE

PT. JATIM AUTOCOMP INDONESIA **Jan 2026 - Jun 2026**
Full Stack Web Developer Intern (Next.js)

- Developed and maintained web applications using Next.js to support company operational processes.
- Built responsive and user-friendly frontend features using React, including state management and routing.
- Developed backend services using RESTful APIs to integrate frontend applications with the database.

CERTIFICATION EXPERIENCE

- Grafana | Certificate of Completion (2024)
- Tableau | Certificate of Completion (2024)
- Microsoft Power BI | Certificate of Completion (2024)

HARDSKILLS

Programming & Data Analytics
Python, R, SQL, Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch
Administrative & Data Management Skills
Data Collection, Data Verification, Internet Research, Microsoft Excel, Google Spreadsheet, Document Management, Attention to Detail
Machine Learning & AI
ML Models, Deep Learning (CNN, RNN), Time Series, Model Deployment (CI/CD), Model Evaluation
Data Engineering
ETL (Pentaho), PostgreSQL, MySQL, Data Modeling, API Development, Docker, Git, Data Management
BI & Visualization
Tableau, Power BI, Grafana

SOFTSKILL

Critical Thinking, Communication Skills, Attention to Detail, Adaptability, Time Management, Continuous Learning, Research Skill, Decision Making