

ERSAN IVANDA PUTRA

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SUMMARY

I am an Information Systems student at Universitas Multimedia Nusantara who has an interest in technology development and information management. I am interested in the application of digital solutions to support business efficiency and digital transformation. I also have the ability to work in a team, well with coworkers. In addition, I always try to improve my competence through college projects.

EDUCATION

Multimedia Nusantara University Aug 2022 - Present
• Undergraduate Student of Information Systems

WORK EXPERIENCE

Faculty of Engineering & Informatics, Multimedia Nusantara University Aug 2024 - Dec 2024
Laboratory Assistant for Data Warehouse Course
• Conducted hands-on sessions with PDI, Exceed expectations, SQL, and Python to improve information abilities.
• Taken care of planning, participation, reviewing, and given understudy criticism.
• Arranged lab materials, bolstered information investigation, and worked with workforce to make strides modules.

Internship Jabar Digital Service Jan 2025 - Jun 2025
Business Analyst
by Dinas Komunikasi & Informatika Provinsi Jawa Barat
• Collaborating with the product development team and/or program team in formulating recommendations and/or business solutions for the product/program.
• Evaluating business & information technology activities and providing policy recommendations within the West Java province.
• Planning, coordinating, executing, and evaluating each task according to the project/squad/tribe.
• Conducting market research analysis to identify business opportunities and potential growth for the product.
• Monitoring and evaluating the results of product business strategies in the form of Business Evaluation Metrics.
• Building and developing strategic relationships with potential partners in both the Government and Private sectors to support business growth and product marketing.
• Designing market-fit business models for monetization services.
• Formulating business development strategies and marketing channels for the product.

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PROJECT EXPERIENCE

Data Visualization

Economic Asean Analysis

May 2024

- Conducted a study on key economic indicators in the ASEAN region, such as GDP, inflation, and unemployment rates, using data visualization with Tableau.
- Create interactive dashboards that analyze economic trends and comparisons between ASEAN countries, providing insights that can be used for strategic decision-making.
- Process and visualize data from trusted sources such as the World Bank or ASEANStats to explore the relationship between economic indicators and regional growth.

Machine Learning

Maternal Health Analysis

Apr 2024

- Using the K-Means algorithm to cluster postpartum maternal health by age in districts and cities.
- Evaluate clustering performance using metrics such as Silhouette Score and Davies-Bouldin Index to validate analysis results.
- Mining data from Kaggle and OpenDataJabarProv to explore maternal health trends, providing insights that support more targeted health interventions.

Data Analysis

Milk Quality Used Decision Tree Model Analysis

Dec 2024

- Used a Decision Tree model to analyze factors that affect milk quality, such as pH level, fat content, and density.
- Performed data preprocessing with normalization and encoding techniques to ensure data quality and optimize model performance.
- Evaluate the model using accuracy, precision, and recall metrics to assess the prediction performance in classifying milk quality levels.

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Data Warehouse

Stunting West Java Analysis

Dec 2024

- Create a Data Warehouse for stunting analysis in West Java using ETL process for data extraction, transformation, and loading from various sources.
- Designing OLAP Cube Schema for multidimensional analysis of stunting prevalence by region, child age, and socioeconomic factors.
- Improved data-driven decision-making by providing in-depth insights into the distribution of stunting, aiding more targeted intervention planning.

Enterprise Resource Planning (ERP)

Global Bike System

Dec 2024

- Improve data-driven decision-making by providing deep insights into project distribution, assisting in more targeted intervention planning through integration of data from ERP systems.
- Identifying important trends and patterns in ERP data to support more effective strategic planning.
- Facilitate interdepartmental collaboration by providing centralized data that enables faster and more accurate access for data-driven decision making.
- Improve operational efficiency and program effectiveness through better visibility into factors affecting projects, as well as ERP system support in monitoring and evaluating results using SAP.

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ORGANIZATIONAL EXPERIENCES

UMN Journalism Center (UMN JUICE)

Hubungan Masyarakat Division

- Maintain social media and create content
- Collaborate with internal and external parties
- Perform internal and external coverage
- Create written work on the results of coverage

Orientasi Mahasiswa Baru (OMB UMN)

Security Division

- Checking participant attributes
- Making rules for OMB participants
- Making the flow of movement for participants on the D-day
- Coordinating with other divisions
- Maintain the order of the event

Ready To Love 2024 (RTL 2024)

Coordinator Sponsorship

- Collaborate with Chuga, Own Project for needs during the event
- Coordinate with members to find sponsors

Hansan Festival 2024

Coordinator Media Partner

- Cooperate with external parties for event purposes
- Coordinating with members and with BPH (Daily Executive Board)
- Planning the division's work program to run well

ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Structural Analysis, SAP, Tableau , Python, Figma, PDI Pentaho
- **Languages:** English (Beginner) , Indonesian

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