

Christine Lestari Sibarani

Data Engineer | ML Engineer

 DKI Jakarta

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 in/christine-sibarani/

Summary



Experienced as a Data Engineer with expertise in large-scale data processing and AI integration. Skilled in designing scalable data infrastructures and implementing advanced Machine Learning and Deep Learning models. Combines data engineering prowess with AI knowledge to deliver innovative solutions that drive data-informed decision-making and business transformation. Specializes in merging robust data management with sophisticated predictive analytics for actionable insights.

Education

Del Institute of Technology

Oct 2018 – Sep 2023

Electrical Engineer/Bachelor of Electrical Engineer. (GPA : 2,84)

Final Project : Red Chili Leaf Disease Identification via GLCM and SVM Analysis

Technical Qualification

Programming Languages:

Python, C++, Tensor Flow, Keras (python framework), Java

Platform / Operating System:

Windows 10, Linux, Docker

Application:

MS Office, MySQL, PostgreSQL, FileZilla, Rational Rose, QGis, Solidworks, ETL Tools

Development Tools :

Visual Studio Code, Asana, IntelliJ IDEA, Notepad++, Postman, Github, Airbyte,
Airflow, Docker, FileZilla, TensorFlow Framework, Keras, Scikit-learn, Bussines Intelegent

Professional Experiences

PT Haluan Rekadaya Konsultindo

Data Engineer

Dec 2023 – Present

- Develop and maintain data architecture, ensuring the integrity, reliability, and performance of data systems.
- Design, implement, and maintain ETL Extract, Transform, Load processes to move data from diverse sources to our data warehouse.
- Optimize and streamline data pipelines for maximum efficiency and performance.
- Develop and Maintaince Engine Data Cleansing and workflows of cleansing data.
- Integrate machine learning models and algorithms into data pipelines to enhance user experience and engagement, and provide technical support and guidance to the team on data related matters.

- Understanding workflow and business process in ERP
- Designing ERD using Rational Rose
- Maintaining ERP Application and developing customization for customer requirement mainly using Java as the programming language and MySQL / SQLServer / Oracle as the database.

- Have do a project network design simulation using router switch in payment collection room PT. Telekomunikasi Indonesia Pematang Siantar using Cisco Packet Tracer
- Have learned how to deal and face customer in payment collection division

- Have learned about planning the maintenance of hydroelectric power plants and i have project to inalum about Piezoelektric and automation control weather to examine the asahan's dam

Projects

- September 2024 - Now, Detection and Tracking Algorithm (Machine Learning Engineer)- PT Voith Indonesia
- September 2024 - Now, Pipeline Data to ERP System (Data Engineer) - PT Tatarasa Primatama
- September 2024 - Now, Pipeline Data to ERP System (Data Engineer) - PT Nusa Mandiri Utama
- Agustus 2024- Now, Identification and Detection Ripeness Level Oil Palm (Machine Learning Engineer) - PT Best Agro International
- Januari 2024 - Now, Data Strategy for Weed Management in Sugarcane Plantations (Data Engineer) - PT Gunung Madu Plantation
- Februari 2024 - Maret 2024, Code Generator for Developer Apps (Code Generator) - PT Astra Agro Lestari
- Januari 2024 - Maret 2024, Test Case Quality Assurance (Quality Assurance) - PT Kawasaki Motor Indonesia
- Agustus 2023 - September 2023, Annotation LiDaR Data (Data Scientist) - Institut Teknologi Del
- Januari 2023 - Agustus 2023, Identification Leaf Disease (Machine Learning Engineer) - Institut Teknologi Del
- Agustus 2021 - Agustus 2021, Web Developer for Absen Institute (Web Developer) - Institut Teknologi Del

Skills

- **Soft Skills**
Problem Solving, Teamwork, Communication, Time Management, Flexibility, Critical Thinking
- **Hard Skills**
Python, Tensor Flow, Keras, Scikit-Learn, Bussiness Intelegence, Database, Manual Testing, Analytical Skills, Test Planning, Bug Reporting, Software Documentation, SQL, Java, HTML, API Testing.