

TECHNICAL AND SOFT SKILLS

- Data Analytics & BI: PowerBI, SQL, Excel, Google Sheets, Looker Studio, Tableau, Streamlit.
- Programming & Cloud: Python, R, JavaScript, Google Cloud Platform (GCP), Git, Firebase.
- Databases & Pipelines: MySQL, PostgreSQL, BigQuery, Apache Airflow, Snowflake, n8n.
- Machine Learning: Jupyter Notebook, Tensorflow, Pytorch.
- Other: React.js, MS Office, Figma, Python, R, C, C++, C#, Java.

EXPERIENCE

Shopee Indonesia - SPX

BPO Data Analyst (Fullstack Data) - Fulltime May 2026 - Present

- Spearheaded end-to-end data analytics for BPO (Business Process Outsourcing) management operations, developing dynamic Power BI dashboards and advanced Excel models (leveraging Power Query etc.) to track vendor performance, logistics SLAs, and operational efficiency.
- Architected and deployed 25+ automated data pipelines on Google Cloud Platform (GCP), utilizing advanced Python for heavy data processing and complex SQL queries to transform massive datasets, successfully deprecating legacy systems and reducing report generation time by over 50%.
- Designed and implemented 5+ predictive machine learning models using Python to forecast logistics bottlenecks and detect anomalies in vendor workflows such as credit scoring etc.
- Centralized operational data into scalable data warehouses utilizing BigQuery and Snowflake, establishing a highly reliable source of truth that directly supported executive expansion strategies and advanced analytics initiatives.
- Translated complex business requirements into actionable, real-time operational insights, collaborating directly with supply chain and e-commerce management teams to identify bottlenecks and optimize resource allocation.

Amartha Financial

HR Data Analyst/Engineer - Internship February 2026 - April 2026

- Designed interactive Looker Studio dashboards, driven by optimized SQL queries, to visualize complex manpower planning metrics and provide executive stakeholders with real-time visibility into recruitment ROI.
- Engineered robust data workflows utilizing n8n and Python scripts for automated data extraction, processing, and cleaning, completely eliminating manual data entry and saving the team 20+ hours of operational work per week.

PROJECTS

- **Thesis Project (2025):** Developed a full-stack website application about optimal diet and physical exercise, involving an XGBoost model achieving 74.4% accuracy. Conducted EDAs for general insights, feature engineering and decision support, also handling REST API and React for implementation.
- **Credit Risk Analysis Dashboard (2025):** Created a dashboard in Power BI using Python and R graphs to analyse loan approval risks on credit with ETL procedures and SQL & DAX query.
- **Database Systems (2024):** Developed a relational database in MySQL and integrated it with python-based 'Rich' UI & SQLAlchemy to handle real-time transaction processing for a food ordering system.
- **Artificial Intelligence (2023):** Implemented a CNN U-Net architecture in PyTorch to automate the segmentation of panoramic dental X-ray images, achieving a Dice Coefficient of 79% for precise mandibular tooth identification.

EDUCATION

TELKOM UNIVERSITY

Majoring in Biomedical Engineering, Data Science & AI Focus
Cumulative GPA: 3.67/4.0

Bandung, ID
September 2021 - November 2025

MAASTRICHT UNIVERSITY (STUDENT EXCHANGE)

Majoring in Data Science & AI

Maastricht, NL
August 2024 - February 2025

ADDITIONAL AWARDS/CERTIFICATES

Student Exchange Governmental Scholarship | Indonesian International Student Mobility Awards 2024 - 2025
7.5 Academic IELTS Score | International English Language Testing System 2025