

# IMAM QALBUN SALIM

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## WORK EXPERIENCE

### Xeratic

Nov, 2023 - Jun, 2024

Jr. Data Engineer

Remote, Indonesia

- Managed end-to-end data pipelines, including ETL processes, data warehousing, and automation to optimize data flow and integration.
- Developed interactive dashboards and reports using Tableau and Power BI, transforming raw data into actionable insights.
- Monitored and maintained databases, enforcing data governance, integrity, and compliance standards.

## PROJECTS

### Cloud Data Pipeline (Amazon Web Services)

[GitHub Repository](#)

Built an AWS ETL pipeline using Glue, PySpark, and Airflow to automate data processing and orchestration.

### Toll Data Pipeline

[GitHub Repository](#)

Developed an ETL pipeline using Apache Airflow and shell scripting to process toll data, consolidating and transforming multi-format files into a unified structure.

### Data Science Final Project Kalbe Nutritional X Rakamin

[Presentation PowerPoint](#)

Exploratory Data Analysis with PostgreSQL, Creating Tableau Dashboard and Predictive Modeling (Customer Segmentation with KMeans Clustering and Time Series Forecasting with ARIMA).

## SKILLS

Programming languages : Python (PySpark, Pandas), SQL (MySQL, Microsoft SQL Server, PostgreSQL).

Tools : AWS (Glue, S3, Athena), Pentaho DI, Airflow, Kafka, Git, Jupyter Notebook/Lab, RDBMS, Tableau, Spreadsheet

Languages : Bahasa Indonesia (Native), English

## EDUCATION & COURSES

### IPB University

Aug, 2019 - Mar, 2025

Bachelor of Science in Physics, GPA 3.68/4.00

Relevant coursework: Algorithms and Programming, Statistical Methods, Computational Physics, Control System

- Utilized computing tools (MATLAB, Mathematica, and Python) and analytical thinking to tackle complex physics problems, developing innovative and creative solutions to advance research and understanding in the field.

### DQLab

Apr, 2023 - Jun, 2023

TETRIS Bootcamp Program Batch 3: Data Analytics Scholarship Awardee

- Gained expertise in SQL, Python (pandas, numpy, matplotlib, seaborn), and Pentaho ETL tools.
- Performed data manipulation, visualization, and exploratory analysis for data-driven storytelling.
- [Final Project](#): Analyzed e-commerce data using SQL and Python (EDA), then visualized insights and created a summary using Streamlit.

### Courses:

ETL and Data Pipelines with Shell, Airflow, and Kafka by IBM

Nov, 2024

Programming with Python for Data Science by Cisco Networking Academy

Jun, 2023

Data Analysis with Python by IBM

Mar, 2023

Databases and SQL for Data Science with Python by IBM

Feb, 2023

Designing Database using Microsoft SQL Server by Coding Studio

Feb, 2023

## ORGANIZATIONAL EXPERIENCE

### Himpunan Mahasiswa Fisika IPB

Dec, 2021 - Nov, 2022

Head of Media and Branding Bureau

- Directed branding and media strategies, leading a creative team to increase in audience engagement

### Bidikmisi IPB

Sep, 2019 - Sep, 2024

Department Coordinator

- Supported fellow students by ensuring timely assistance while tracking scholarship recipients' progress