

# IMAM QALBUN SALIM

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[boyerlindquist.github.io/imamportfolio](https://boyerlindquist.github.io/imamportfolio)

## 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, 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), Shell Scripting

**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 DI for ETL.
- 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, 2023

Department Coordinator

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