

# RAFAEL IGNAULIN

## DATA ENGINEER

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### SUMMARY

Data Engineer with 5 years of experience delivering measurable impact at global leaders like Nike and Inter&Co. Proven track record of building and optimizing data platforms that reduced processing times by orders of magnitude, unlocked real-time analytics, and empowered business teams to make faster, data-driven decisions. Holder of 10+ certifications recognizing technical excellence and business impact.

### NOTABLE PROFESSIONAL EXPERIENCE

#### NIKE

#### Senior Data Engineer

Jan 2024 - Present

- Leading a data project to dynamically measure new Nike app features. Created a multi-dimensional, scalable data product that can handle multiple analytics use cases in a centralized structure.
- Developed a complex automation process to measure multiple AB Tests efficiently. Improved end-to-end measurement time from weeks to minutes.
- Optimized multi-terabyte scale pipelines, reduced Spark jobs execution time by 95%, leveraging advanced internal Spark concepts.
- Created a data product that can generate dashboards with more than a trillion combinations of filters, by using advanced array data structures permutations. Used in combination with AI Agents in the consuming layer.
- Migrated a data platform from hybrid cloud to Databricks, following best practices in the new Lakehouse platform, ensuring reliability and flexibility for the engineering team.

#### Inter & Co

#### Data Engineer Lead

Jan 2023 - Present

- Leading a data project and a team of multiple members with impact to more than 40MM customers, by generating custom customer segmentation based on multiple metrics from different data sources..
- Real Time analytics project using Spark on K8s and with custom integration to Kafka and DynamoDB.

#### PagSeguro/PagBank

#### Data Engineer

2020 - 2023

### EDUCATION

#### Bachelor in Computer Science

2020 - 2023

Unochapecó

- Student honor medal: Average best grades for computer science during the entire course in 2023.

### TECHNICAL SKILLS

Python, SQL

Trino

AWS

Spark, Flink

Tableau, Databricks AI/BI

Databricks

Airflow, Dagster

Terraform, IAC

Microsoft Azure

Kafka, MSK, SQS

### ADDITIONAL INFORMATION

- **Languages:** English (C2) , Portuguese (Native).
- **Certifications:**
  - AWS: Black Belt, Solutions Architect Professional, Solutions Architect Associate, Cloud Practitioner
  - Databricks Data Engineer Professional
  - Microsoft Azure Solutions Architect Professional
  - Oracle Infrastructure Foundations Associate, Cloud Data Management Foundations