

# Mateus Gündel

Senior Data Engineer

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## PROFILE

Data engineer with 6+ years of experience designing scalable architectures, building reliable ETL/ELT pipelines, and enabling data-driven decision-making across marketing and product domains. Deep expertise in Databricks, Apache Spark, and cloud-based data platforms. Comfortable in client-facing environments and cross-functional collaboration. Currently pursuing a Master's degree focused on Artificial Intelligence and Industrial Systems.

## CORE EXPERTISE

- |                            |                                |                                |
|----------------------------|--------------------------------|--------------------------------|
| › Data Architecture Design | › Data Integration Strategy    | › Marketing Analytics          |
| › ETL/ELT Pipeline Design  | › Batch & Streaming Processing | › Cross-Platform Consolidation |
| › Medallion Architecture   | › Data Modeling & Governance   | › Stakeholder Communication    |

## PROFESSIONAL EXPERIENCE

**Senior Data Engineer** Dec 2024 – Present

*Sicredi – Marketing Data Team, Financial Sector*

- Design and orchestrate scalable data pipelines on Databricks (Apache Spark, Auto Loader for incremental ingestion, CDC for change data capture) with CI/CD managed through GitLab on AWS-backed infrastructure.
- Build a 360° view of brand metrics and marketing actions by integrating paid and organic data from multiple ad platforms (Meta, Google, TikTok, LinkedIn, Bing, and others) via Sprinklr and Supermetrics.
- Ingest and consolidate partner and third-party data sources to enrich marketing analytics.
- Own the data modeling and governance strategy, serving as the go-to technical authority for cross-functional teams on data standards, lineage, and best practices.
- Deliver reliable datasets to BI tools (Power BI, Denodo) supporting data-driven decisions.

**Data Engineer** Mar 2020 – Dec 2024

*Compass.uol – Technology Consulting*

- Outsourced to Sicredi's BI team as a Full Stack Python Developer, building a load management platform for non-technical users.
- Maintained and optimized Oracle procedures and packages supporting critical data workflows.
- Transitioned to a new team within Sicredi to lead the Databricks deployment for a business domain, bringing marketing data into the data lake.
- Automated ingestion processes and managed enterprise data integrations using ODI, CKAN, and Denodo.

**Full Stack Software Developer** Jul 2018 – Mar 2020

*Velsis – Road Infrastructure & Traffic Systems*

- Developed computer vision solutions (OCR, object detection) using Python and TensorFlow.
- Contributed to radar system development using Java, PostgreSQL, and AngularJS.
- Containerized and deployed traffic monitoring applications using Docker and GitLab CI/CD.

## EDUCATION

**Master's Degree in Industrial Systems and Processes** 2024 – Present

*Universidade de Santa Cruz do Sul (UNISC)*

**Bachelor's Degree in Computer Engineering** 2017 – 2023

*Universidade de Santa Cruz do Sul (UNISC)*

## TECHNICAL SKILLS

<b>Programming:</b>	Python, SQL, Bash/Shell, Java, JavaScript
<b>Data Engineering:</b>	Databricks, Apache Spark, Delta Lake, Unity Catalog, ODI, Denodo
<b>Cloud &amp; DevOps:</b>	AWS, Azure, Terraform, Docker, Git, GitLab CI/CD
<b>ML &amp; Vision:</b>	TensorFlow, OpenCV, Neural Networks

## CERTIFICATIONS

**AWS Certified Cloud Practitioner** – Amazon Web Services Dec 2021

**PCEP – Certified Entry-Level Python Programmer** – Python Institute Oct 2020

## LANGUAGES

Portuguese (Native)    |    English (B2 – Professional)    |    Spanish (A2 – Basic)