

JEFERSON PETER

Software Engineer · Data Engineering · Python Specialist



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ABOUT ME

Software Engineer focused on Data Engineering, specialized in Python and high-performance data pipelines. I work with ETL, APIs, distributed processing, and complex system integrations, always prioritizing architectural clarity, technical precision, and consistent delivery. I have experience building scalable solutions, organizing data flows, and automating processes – creating reliable, well-structured, and easy-to-maintain systems.

EDUCATION

Master of Business Administration (MBA) - Project Management

Católica de Santa Catarina – Apr 2023 · May 2025

Education focused on team leadership, project management, and organizational strategy. Developed competencies in planning, execution, and control of complex projects, with practical exposure to PMBOK, Agile, Kanban, and data-driven management practices.

Bachelor's Degree in Software Engineering

Católica de Santa Catarina – 2019 · 2022

Degree with emphasis on software architecture, data engineering, data structures, and scalable application development. Participated in projects involving APIs, databases, system integration, and engineering best practices. Strong foundation in Python, algorithms, testing, version control, and performance-oriented engineering.

WORK EXPERIENCE

Software Engineer – UpFlux Process Mining

UpFlux Process Mining | 2022 – present

Designed end-to-end Process Mining and ETL pipelines, reducing data ingestion time by ~60% and improving system stability. Automated workflows with Airflow, cutting recurring manual tasks by ~70%. Optimized performance with Polars and Parquet, decreasing processing costs by ~35%. Modernized Python systems and led refactoring initiatives that reduced cross-team rework by 25%.

Junior Developer - RapidSoft TI

RapidSoft TI | Aug 2020 – Dec 2021

Supported and developed new features for a textile ERP system using Java and React.js. Worked on API integrations and contributed to the creation of dashboards in Next.js, improving system functionality and enhancing user experience.

SKILLS

Technical Skills

Python · Data Engineering · ETL Pipelines · Airflow · Process Mining
Polars · Pandas · SQL · Docker · Git · REST APIs · Parquet · AWS · CI/CD

Soft Skills

Problem-Solving · Communication · Continuous Improvement
Ownership · Adaptability · Collaboration