Caio Pilon

São Paulo, Brazil · linkedin.com/in/caio-pilon · pil-n.com.br

Senior Software Engineer

Backend and data engineer designing scalable systems across complex integrations, event-driven architectures, and business-critical workflows.

Experience

Software Engineer — DevSavant / Softensity (NopSec) | 2022–2025
- Implemented 15+ third-party API integrations with ingestion, validation, and normalization workflows.
- Built backend features and file upload/verification flows with entity reference mapping.
- Acted as technical liaison in client discussions; contributed to scalability and domain modeling decisions.

AWS · Python · Django · PostgreSQL · Elasticsearch · Docker · Go

Backend Developer — Tembici | 2021–2022
- Designed fraud detection systems leveraging event streams from bike-sharing operations.
- Integrated external APIs for real-time validation and anomaly detection.
- Owned antifraud logic definition with stakeholders; improved reliability via refactoring.

Python · Django · Celery · AWS · GCP · Event-Driven Systems

Data Architect — iFood | 2019–2021
- Owned marketing analytics data infrastructure and attribution/segmentation datasets.
- Built ingestion pipelines integrating external APIs with internal event data.
- Partnered with Data Science providing reliable structured datasets.

Python · Spark · Databricks · Airflow · Data Modeling

Education

Bachelor's Degree in Manufacturing Engineering — UNICAMP | 2011–2016

Languages

Portuguese — Native · English — Professional

Core Expertise

System Design · Software Architecture · Distributed Systems · REST APIs · Event-Driven Systems · Data Pipelines · Cloud Infrastructure

Tech Stack

Python · Go · JavaScript · Django · FastAPI · PostgreSQL · MySQL · AWS · GCP · Docker · Elasticsearch · Celery · Spark · Airflow · Git