Alexandre Garito

Junior Data Engineer

Paris, France

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🐙 https://github.com/AlexandreGarito/AlexandreGarito

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Summary

Hi, I'm Alexandre, an ambitious Junior Data Engineer with a strong passion for technology, experienced in GCP (certified), Python and SQL. Coming out of a now closed entrepreneurial journey, I'm an autonomous self-starter and a fast-learner. I'm currently seeking a first professional data engineering experience. I also plan to expand my skills into machine learning operations in the near future. Given my previous experience as an entrepreneur and my primary education in law, I'm also a highly adaptable person capable of deploying a range of skills in various domains other than coding, like written tasks and presentations.

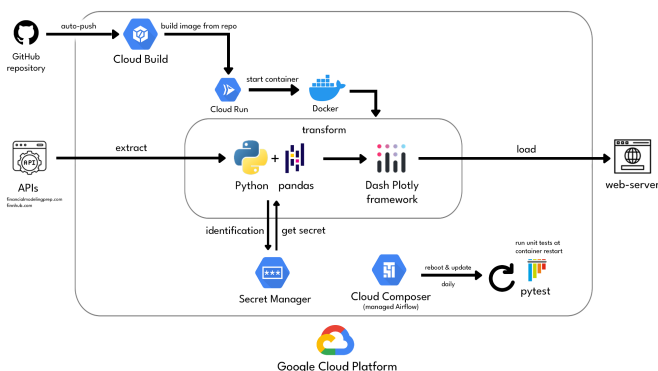I'm currently available for work in Paris and its surroundings.

Experience

■ **Junior Data Engineering Portfolio Demo Projects**

Independent, 2023

GCP-hosted Micro-ETL Data Pipeline and Dashboard

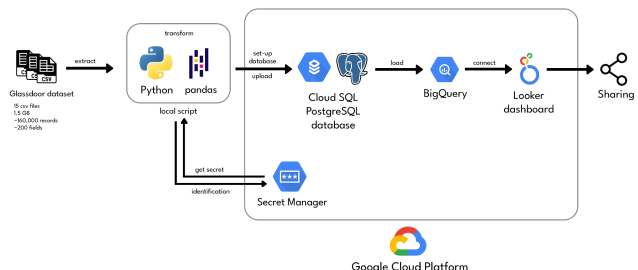https://github.com/AlexandreGarito/data-pipeline-demo-1

This project is a Python-coded and GCP-hosted micro-ETL data pipeline and interactive dashboard that displays API data using the Dash-Plotly web framework, updated daily using DevOps tools such as CI/CD, Docker, and Airflow.

SQL Database Setup and Analysis of a Glassdoor Job Listings Dataset

https://github.com/AlexandreGarito/SQL-database-demo-2

This project was built to practice my ability to set up and interact with a PostgreSQL database, clean and validate a large and dirty dataset with Python, as well as visualize the resulting data with BigQuery and Looker.

Skills

- Python (Programming Language)
- SQL
- Google Cloud Platform (GCP)
- CI/CD
- Docker
- Airflow
- Unit Testing

Licenses & Certifications

Google Cloud Professional Data Engineer Certificate

Issued by: Google Cloud

Issued on: May 16, 2023

Expires on: May 16, 2025

Credential ID: 73742357

Link: https://google.accredible.com/5ac93e43-94cd-44db-a7e2-6f8088582b11

Skills & tools in curriculum:

- Data processing systems design and operation: BigQuery, Dataflow, Dataproc, Bigtable, Pub/Sub, Cloud SQL, Cloud Spanner, Cloud Composer, Cloud Scheduler, Cloud Storage, Dataprep, Data Fusion, Apache Beam, Apache Spark, Hadoop, Kafka.
- Reliability, security, and compliance: Identity and Access Management, Encryption and Key Management, Cloud Data Loss Prevention, Data Retention, Disaster recovery, Data privacy, Legal Compliance, Data Preparation, Quality Control, Fault Tolerance.
- Machine learning & AI integration: Vertex AI Platform, Vertex AI Pipelines, AutoML, BigQuery ML, Cloud ML APIs (Speech-to-Text, Text-to-Speech, Vision AI, Video AI, Dialogflow, etc.).
- Data visualization & analytics: Looker, Vertex AI Workbench, Colab notebooks.

DataCamp's Data Engineer Career Path, 2022

Issued by: DataCamp

Issued on: December 22, 2022

Credential ID: 335594

Link: https://www.datacamp.com/statement-of-accomplishment/track/0e7ef6c80967aafa69bb3af578b923473acdb033

Skills & tools in curriculum:

- Data Systems & Architecture: Python, Shell, SQL, Scala, Airflow, data pipelines, data lakes, data warehouses, automation, high-performance databases.
- Cloud & Big Data: AWS Boto, PySpark, Spark SQL, MongoDB, database creation & querying, data cleaning, data transformations, data loading.
- Pipeline Scheduling & Automation: File system tasks, pipeline configuration, scripting.
- Coding Best Practices: code timing, code profiling, unit testing, execution optimization.

Language

- English : Fluent, 2 years of daily speaking experience
- French : Native

Education

University of Paris - Panthéon Assas (Paris II)

Master's Degree in Public Law and Public Policies