

JOÃO SIMÃO

Data Engineer - Senior Consultant

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Lisbon, Portugal



EXPERIENCE

Data Engineer - Senior Consultant

Timestamp:BIW

Mar 2024- Present

Lisbon, Portugal

- Tableau Cloud setup (defining structure, security, connections & recommended workflows - Tableau Blueprint).
- Maintenance & evolution of a Bank's Cashflows backend solution (Python, Cloud Run, Pub/Sub, AlloyDB), gathering requirements and overseeing the frontend development (Oracle EPM).
- Development of a custom ELT web application (Oracle APEX & Python).
- Worked on partner PoCs using Google Cloud technologies (BigQuery, Vertex AI LLMs, Document AI, Cloud Run).
- Migrating critical code repositories & CI/CD pipelines from Gitlab & Jenkins to Github (Github Actions for CI/CD pipelines).

Data Engineer - Consultant

Timestamp:BIW

Mar 2021 - Mar 2024

Lisbon, Portugal

- Development of DWs & Data Lakes, using BigQuery, Google Cloud Storage & Airflow (Dimensional Modeling, Partitioning, Data Extraction from REST APIs, etc.).
- Development of Looker Studio BI Reports, reading data from Google BigQuery.
- Migration of a Bank's Cashflows backend solution - from On-Prem (Python, Oracle) to GCP (Python, Cloud Run, Pub/Sub and AlloyDB).
- Maintenance & evolution of a Bank's Cashflows solution (Python, Cloud Run, Pub/Sub, AlloyDB).
- Maintenance and evolution of Oracle APEX & PL/SQL On-Prem financial consolidation App.

Software Engineer - Trainee Consultant

Timestamp:BIW

Mar 2020 - Mar 2021

Lisbon, Portugal

- Full-Stack development of a Data Governance App (Django, HTML, JS, Bootstrap, SigmaJS) - Business Glossary, Resources Inventory and Data Lineage.
- Analysis of SQL Server databases and SSIS packages.

Researcher - Influence Analysis in Twitter - Going Further (M.S. Thesis)

INESC-ID

Sep 2018 - 2019

Lisbon, Portugal

- Sentiment Analysis (Python, Airflow, Vader, NLTK) & Complex Networks algorithms (NetworkX).

EDUCATION

M.S. Erasmus+

AGH University of Science and Technology - Krakow, Poland

Feb 2018 - July 2018

M.S. in Computer Science and Engineering

Universidade de Lisboa - Instituto Superior Técnico

Sept 2017 - Thesis Missing

B.S. in Computer Science and Engineering

Universidade de Lisboa - Instituto Superior Técnico

Sept 2014 - June 2017

COURSES

Professional Data Engineer

Google

Dec 2024 - Dec 2026

- Retook the certification exam.
- Data Engineering concepts, techniques and tools, with a special focus in Google Cloud Platform solutions (for example BigQuery, Dataflow, Datafusion).
- Data Science concepts, techniques and mainstream technologies, with a special focus in Google Cloud Platform solutions.

Professional Data Engineer

Google

Aug 2022 - Aug 2024

- Data Engineering concepts, techniques and tools, with a special focus in Google Cloud Platform solutions (for example BigQuery, Dataflow, Datafusion).
- Data Science concepts, techniques and mainstream technologies, with a special focus in Google Cloud Platform solutions.

SQL Server Integration Services (SSIS) - An Introduction

Philip Burton - Udemy

Dec 2020

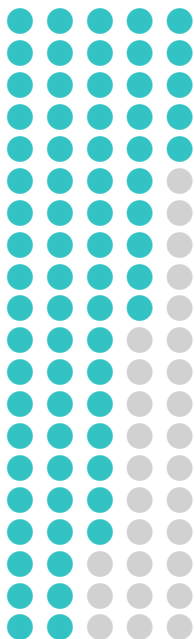
- Building ETL pipelines using Microsoft SQL Server Integration Services. (Connections, Transformations, Parameters, Scheduling)

SKILLS

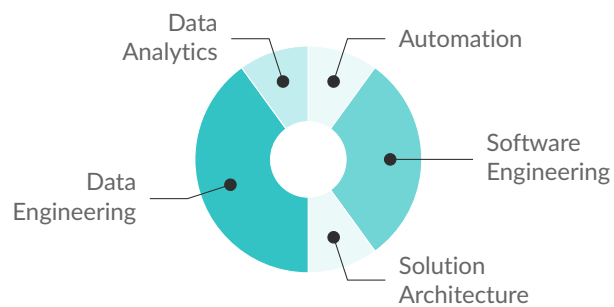
Portuguese language
English language
Spanish language



Python
SQL
Google Cloud Platform
Jira
Confluence
UNIX
Git
Github Actions
Generative AI
Oracle DBA
Airflow
Django
Oracle APEX
OCI
Bash
Jenkins
Looker Studio
SSIS
Microsoft Excel
Tableau



INTERESTS



QUALITIES

Hard worker

Organized

Fast learner

Autonomous

Teamwork

Communicative