



Pedro Henriques

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Data Analytics Engineer Location: Lausanne, Switzerland

Data enthusiast with experience as a Data Analytics Engineer helping organizations with their data projects, so they can get accurate and relevant insights to support the organization's data-driven decision-making. I moved to Switzerland due to family reasons and I'm seeking my 1st work experience here. I'm looking for a challenging role where I can evolve and contribute with my skills and knowledge to support, develop, and implement data architectures, pipelines, and visualizations.

Professional Experience

Xpand IT

2022 - 2023

Data Analytics Engineer

Xpand IT is a consulting company that aims to help other companies with their data initiatives. I was part of the Business Intelligence department, and I have worked as an out contractor for two companies.

OutSystems - Contractor

Digital Data Engineer

Tech Stack: Snowflake, Pentaho Data Integration, Fivetran, Power BI, Azure Functions, Unix, Cron, Shell Scripts, dbt, Salesforce, Alteryx

At OutSystems I was part of the Data warehousing sub-team.

- Design and implement data architectures and pipelines to collect, process, and analyze datasets.
- Develop Data Warehouses for new analytics projects.
- Responsible for the Annual Recurring Revenue of the company reducing its processing time by 90%, and achieving a data accuracy of 96%.
- Conduct testing and debugging of data pipelines and systems.
- Collaborate with cross-functional teams, to understand and translate business requirements into technical specifications.
- Conduct data analysis and create dashboards to present the data to stakeholders clearly and concisely.
- Sprint and task management.

Medicare - Contractor

Azure Data Analyst

Tech Stack: Azure ADLS Gen2, Azure Synapse

My job was to migrate the company's data Analysis processes from on-premises to Azure cloud infrastructure.

- Ingest data from different sources into Azure Data Lake Storage (ADLS).
- Create data pipelines on Azure Synapse to transform the ingested data automatically.
- Implement a Medallion Data Architecture.
- Create Data Warehouse Models for Data Analysis.

Tech Skills

Programming Languages – SQL | Python/PySpark

Cloud - Microsoft Azure

Data Storage (Data Lake | Data Warehouse | Data Lakehouse) – Snowflake | ADLS Gen2 | MySQL | Delta Lake | HDFS | PostgreSQL

Data Processing – Pentaho Data Integration | Spark | Databricks | Azure Synapse

Data Visualization – Power BI

Task Automation – Cron

Containerization: Docker

Team and Management – GitHub | Confluence | JIRA

Education

Master in Engineering and Management of Information Systems

University of Minho

2020 - 2023

Bachelor in Engineering and Management of Information Systems

University of Minho

2016 -2020

Certifications

- **Data Engineer Basics For Everyone**
IBM 2023
- **Azure Cloud and Databricks Fundamentals**
TrendyTech 2023
- **Distributed Processing with Spark**
TrendyTech 2023

Languages

Portuguese - Native | **English** – Proficient | **Spanish** – Independent | **French** - Basic