Maxence PACHOT

Data Engineer & DBA Oracle at ELCA

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Professional Experience

Data Engineer & DBA Oracle, *ELCA*   03/2023 – present │ Lausanne, Switzerland
- Infrastructure Refactoring for Cost Reduction
  - Led efforts to refactor infrastructure resulting in a cost reduction.
  - Enhanced project functionality by integrating new data sources and features using Python.
  - Implemented Azure DevOps CI/CD pipelines for automated deployment of Python scripts.
  - Transitioned from Kubernetes to serverless containers on Azure.
- Finance Data Migration on SQL Server
  - Gathered and documented business requirements for finance data migration.
  - Designed and implemented data models for the staging area.
  - Developed and optimized stored procedures for data ingestion, transformation, and loading.
  - Conducted comprehensive unit tests and integration tests to ensure data accuracy.
- DBA Oracle
  - Successfully deployed Oracle databases from scratch on new servers.
  - Managed incidents and technical tickets for customers using Oracle databases via the JIRA platform.

Full Stack Developer Internship, *SOFI Groupe*   04/2022 – 08/2022 │ France
- Developed an interactive web interface linked to a database for the sales department. Create an API dedicated to external partner companies. (PHP & SQL Server)
- Created a system linked to a web interface allowing to check and act on all the differences between the two databases of the company. In addition, the company's ETL system was adapted to these scripts. (PHP, MySQL, SQL Server & Python)

Education

Master MIAGE MBDS, *Université Côte d'Azur*   2022 – 2023
- Data Servers : Databases and Big Data (SQL2, SQL3 and NoSQL/NewSQL, Advanced Oracle Administration and Tuning, Hadoop/Map Reduce, Spark, DWH / Data analytics / R language) + Big data analytics project

Engineering degree, *ESTIA*   2020 – 2023

Graduate in A-levels with a major in science, followed by an   2015 – 2020
Intensive undergraduate course in physics & chemistry

Skills

- Data & Big Data
- Project management
- Ability to analyse and summarise
- Sense of communication

Languages

French   **English B2**   **Spanish B1**
Native   *TOEIC 910*   *Intermediate*