Data&Cloud Engineer

Djouldé BARRY

Saint-Denis (93210)

L 07 53 22 39 38

№ barrydjoulde15@gmail.com

Linkedin | Gitlab

SKILLS

Functional Skills:

- Database modeling and management (PostgreSQL, SQL Server, etc.)
- Development and automation of ETL/ELT pipelines
- Data flow optimization and security
- Reporting and decision support
- Agile and DevOps collaboration

Industries: All sectors

TECHNICAL SKILLS

TOOLS: GitlabCI, GithubActions, Jira/Confluence, Jenkins, PowerBI, Airflow, Talend

LANGUAGES / FRAMEWORKS : Python, PySpark, PL/SQL, NoSQL

CLOUD: GCP, AWS, Databricks, DBT

SYSTEMS: Windows, Linux/Mac

SECURITY/NETWORK: ELK, Kafka, Grafana, Prometheus, Docker

DATABASE/STORAGE: PostgreSQL, SQL Server, Oracle, ClickHouse, InterSystems IRIS, MongoDB

METHODOLOGIES : Agile Scrum, DevOps



ONCOPOLE CLAUDIS RIGAUD – Data Engineer

Since 10/2024 - Present

Project (Oncolab): Advanced data processing solutions to optimize oncology research and innovation.

- Developed scalable data pipelines on GCP for integrating data from EHR and clinical data warehouses.
- Processed and harmonized healthcare data according to HL7, FHIR, and OMOP standards to ensure interoperability.
- Migrated data transformations to DBT, structuring models with clear staging, intermediate, and mart layers.
- Automated workflows execution using Airflow/Composer with parameterized runs of DBT models.
- Collaborated with research and analytics teams to align data models with business needs.
- Documented the entire project, including DBT model logic and data lineage.

Environment : Databricks, Pyspark, GCP (BigQuery, Cloud Storage, CloudRun, Composer, Dataflow), SQL, ClickHouse, InterSystems IRIS, GithubActions

Data Standards: HL7, FHIR, CDA, OMOP, DICOM

Methodology : Agile (Kanban)

ARISTID RETAIL TECHNOLOGY – Data Engineer

10/2023 - 09/2024

Project 1: Competitive pricing analysis

- Designed SQL transformation models in Snowflake.
- Used Tasks and Stored Procedures for workflow orchestration.
- Implemented data quality tests and anomaly detection alerts.
- Automated execution via Cloud Composer.
- Maintained model traceability in Git.

Environment : Databricks, Pyspark, GCP (BigQuery, Cloud Storage, CloudRun, Cloud Composer, Dataflow) Airflow, GithubActions, Docker, Jenkins, Jira/Confluence Methodology : Agile (Scrum)

Project 2: Billing system overhaul and industrialization of analytics models.

- Migrated the billing architecture to a more efficient structure (GCP)
- Automated pipelines and continuous monitoring for data reliability.
- Applied CI/CD best practices for analytics solution deployment.
- Documented the project in Confluence.

Environment : Python, ELK, SFTP, Airflow, BigQuery, GraphQL, Cloud Storage, Cloud SQL,
GithubActions, Jira/Confluence

Methodology : Agile (Scrum)

IQVIA – Analytics Engineer

11/2021 - 09/2023

Project 1: Automated weekly/monthly pricing files for pharmacy clients

- Designed and implemented an automated data pipeline using Talend.
- Optimized queries and validated data structures.
- Documented the project in Confluence.

Environment: Talend, PostgreSQL, Oracle, GitlabCI, Jenkins, Jira/Confluence

Methodology : Agile (Scrum)

Project 2: Automated feedback generation for physicians.

Developed high-performance ETL pipelines.

Created data visualizations using Power BI.

Documented the project in Confluence.

Environment: Talend, SQL Server, Oracle, PowerBI, GitlabCI, Jenkins, Jira/Confluence

Methodology : Agile (Scrum)



2021 - Master's Data Engineering - YNOV CAMPUS

2019 – Bachelor's in Computer Science – University of Montpellier



English: Professional proficiency

French: Bilingual

Pulaar (Peulh): Native





Thank you for reading to the end!