

ERRADOUANI Yassine

AI & Data Engineer

📍 Agadir (Open to relocation) | ✉ hello@yerradouani.me

🐙 Github | 💼 LinkedIn | 🌐 Website



Summary

An analytical and proactive AI & data engineer who brings structure to complex problems and evolving business needs. Practical and thoughtful, building scalable data pipelines and reliable, ML-ready solutions.

Professional Experience

Data & AI Engineer – Phaxel, Casablanca

Jan – Sept 2026

- Optimized data warehouse architecture and indexing for large-scale datasets, reducing query latency by 30% and improving data access for analytics and ML use cases.
- Engineered automated data observability and robust error-handling frameworks for critical ETL/ELT workflows, cutting pipeline downtime by 25% and ensuring strict compliance tracking.
- Restructured target schemas and materialized views across core production databases, boosting data processing throughput and reducing cloud compute costs by 15%.

Junior Data Engineer – TechStride Solutions, Agadir

Jun – Nov 2025

- Engineered automated ETL pipelines using SSIS packages to ingest, clean, and structure raw data.
- Restructured database schemas and implemented indexing strategies to optimize query performance and ensure high-throughput data processing.
- Developed validation scripts on large-scale datasets to ensure data integrity and reliable pipeline execution.

Data Engineering Intern – Sofresh Agricole, Agadir

Jul – Oct 2024

- Automated data pipelines for collection, cleansing, and analysis, replacing manual data entry from source documents.
- Shadowed senior engineers to observe data workflows, gaining hands-on exposure to industry-standard data architecture.

Education

Master's in Computer Science for Distributed Systems and Digital Innovation,
University Ibn Zohr, Agadir

Sept 2024 – Jun 2026

Bachelor's Degree in Mathematics and Computer Science (SMI),
University Ibn Zohr, Agadir

Sept 2021 - Jun 2024

Baccalaureate — Mathematical Sciences A, AL-Fath High School, Agadir

Technical Skills

Data Engineering: Spark, Airflow, Kafka, dbt, Hadoop

Databases & Storage: BigQuery, PostgreSQL, MongoDB, Redis, MinIO

Languages: Python, SQL, Scala

AI/ML & Analytics: MLflow, FastAPI, Streamlit

Cloud & DevOps: AWS, GCP, Terraform, Kubernetes (k3s), Docker, Git, CI/CD

Certifications

Microsoft Fabric Data Engineer

ALX Data Science

Machine Learning Specialization

Soft Skills

Autonomous | Resourceful | Accountable | Responsible | Team player | Fast Learner | Continuous Learner

Languages

English (C1 Certified)

French (Spoken and Written)

Arabic (Native)