

Rimey ABOKY

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Data Scientist / AI Engineer

Turning Data into practical AI solutions, from Analytics to RAG applications. Seeking an AI Engineer / Data Scientist role that connects technical delivery with business needs. Available immediately and worldwide.

Professional experience

AI Engineer - Kilotrok Startup | France-Benin 2026 - Present

Part-time | Development of a RAG chatbot for the Kilotrok application.

- Designed the RAG pipeline: Markdown document ingestion, embedding generation with Gemini Embeddings and storage in the Supabase vector database.
- Implemented semantic search and context retrieval with pgvector; integrated Gemini Flash 2.5 via API, designed prompts and optimized responses.
- Developed the chatbot's FastAPI / REST API microservice with continuous deployment via GitHub and Render.

Banque Populaire Grand Ouest - Audit Department 2023 - 2025

Data Analyst Apprenticeship | Nantes

- Gathered auditors' data requirements; queried and extracted data using Teradata SQL.
- Verified the reliability and accuracy of figures; configured SQL tables for each audit assignment.
- Managed and developed multisource dashboards using Excel, CSV, SQL queries and queries executed in Toad.
- Deployed dashboards to Power BI Service and updated them for different reporting periods.
- Automated the search for obsolete tables using a Python script.
- Developed an NLP application to detect negative comments using Python and Streamlit.
- Wrote documentation for dashboards and applications.
- Implemented artificial intelligence strategies through prompt engineering.

Data science & big data projects

Basketball Data Engineering Pipeline 2025

- Developed an end-to-end basketball analytics project on Google Cloud Platform (GCP), with automated ETL pipelines using Python and Docker.
- Transformed JSON data into Parquet / CSV and built a Streamlit application to analyze the impact of defensive metrics on NCAA game outcomes.

Healthcare AI Project - IoT / Machine Learning 2025

- Collected BPM, infrared and SpO2 data using ESP32 sensors; developed LSTM / MLP models for ECG/BPM anomaly detection, personalized patient dashboards, Docker containerization and GCP deployment.

Education

Master's degree in Big Data & AI - ESGI Paris 2023 - 2025

Bachelor's degree in Statistics & BI - University of Lille 2022 - 2023

DUT in Statistics & BI - University of Caen 2020 - 2022

Bachelor's degree in Finance & Accounting - ENEAM, Benin 2017 - 2020

Technical skills

Languages & databases : Python, SQL, Teradata, SQL Server, PostgreSQL

BI & analytics : Power BI, Tableau, data analysis

Cloud & development : Azure Databricks, GCP, AWS, Git, GitHub, Docker, Streamlit, model deployment

AI & machine learning : NLP, LLM, RAG systems, AI agents, Random Forest, XGBoost, TensorFlow, PyTorch, LangChain, LangGraph

Additional information

Languages : English: professional proficiency; French: native; Goun: native

Soft skills : Teamwork, initiative, strong adaptability

Interests : Basketball, football, NFL, travel, UFC, science