ABDOU AZIZ THIAM

Currently seeking contract opportunities in Data Engineering/AI

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EXPERIENCES

Data Engineer
TF1 📅 09/2025 - now 📍 Paris, France
- Freelancing through Deloitte
- Databricks Unity catalog Migration
- Azure (ADF, ADLS)

Consultant Data Engineer/AI
Deloitte France 📅 02/2025 - 8/2025 📍 Puteaux, France
- Mission as a Data Scientist at Richemont, parent company of brands like Van Cleef & Arpels, Cartier, Montblanc etc...
- Focused on batch ingestion, leveraging BigQuery and BigQuery Notebooks for data processing and analysis.
- AWS project using AuroraDb, EC2, CloudFront, Api Gateway, Cognito, Bedrock
- Developed an AWS-based chatbot with OpenSearch-powered CV retrieval, enhancing recruitment and internal search capabilities.
- Architected an end-to-end Azure solution, integrating multiple Azure services to support data workflows and analytics pipelines.

Machine Learning Engineer
Steer AI 🔗 📅 09/2024 - 10/2024 📍 Versailles, France
https://www.steerautos.com/fr-fr
Company, specializing in AI and ML solutions for automotive retail
- Migration of a car damage detection algorithm from TensorFlow to PyTorch.
- Designed and implemented a chatbot utilizing OpenAI APIs with fine-tuning, incorporating Retrieval-Augmented Generation (RAG) and Hummingbird frameworks.

Mobile and Web Application Developer
Irisoftech 📅 11/2020 - 01/2023 📍 Dakar, Senegal
Flutter and Angular developer at Irisoftech
- Created and maintained mobile and web applications using Flutter and Angular, reducing paper usage and streamlining administrative processes. Worked closely with cross-functional teams to deliver high-quality solutions.

PROJECT

Finance-specialized chatbot
📅 06/2024 - 06/2024 📍 Paris, France
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Built a finance-specialized chatbot using NLP and financial data APIs, potentially increasing user engagement by 25% and improving the accuracy of financial insights by 18%.

Univariate & Multivariate Time Series Forecasting
📅 03/2024 - 05/2024 📍 Paris, France
School project
- Developed a univariate temperature forecasting model using LSTM for predicting transformer temperature, achieving 87% prediction accuracy and ranked 5th on Kaggle.
- Multivariate stock price forecasting using Facebook Prophet (kaggle)

SKILLS

Programming Languages: Python, SQL, R, Scala, Spark

Machine Learning & AI Frameworks: PyTorch, TensorFlow, Keras, Hugging Face, FastAI
NLP & LLMs: NLTK, SpaCy, Transformers, Retrieval-Augmented Generation (RAG), OpenSearch

Cloud & Big Data Platforms: AWS (AuroraDB, EC2, API Gateway, Cognito, Bedrock), Google Cloud Platform (BigQuery, BigQuery Notebooks), Azure, Databricks, Snowflake, Hadoop, Apache Spark

Data Engineering & Processing: Batch & Stream Data Pipelines, ETL/ELT, Data Warehousing, Orchestration (Airflow, Prefect), Message Queues (Kafka, Pub/Sub)

Databases: SQL (PostgreSQL, MySQL, BigQuery), NoSQL (MongoDB, Cassandra), Data Lakes
Version Control & DevOps: Git, GitHub, GitLab, Docker, Kubernetes, CI/CD Pipelines

Data Visualization & BI: Matplotlib, Seaborn, Plotly, Tableau, Power BI, Looker

Mathematics & Analytics: Probability, Statistics, Linear Algebra, Calculus, Optimization

EDUCATION

Master in Distibuted Artificial Intelligence
Université Paris Cité
📅 2023 - 2025 📍 Paris, France

Master in Computer Science
Université Iba Der THIAM de Thiès
📅 2020 - 2023 📍 Thiès, Senegal

Bachelor in Computer Science
Université Iba Der THIAM de Thiès
📅 2017 - 2020 📍 Thiès, Senegal

COURSES/CERTIFICATES

Databricks Proofessional Data Engineer

Databricks - on progress

GCP Professional Machine Learning Engineer
Google

GCP Professional data engineer
Google

Languages

English - Native billingual proficiency

French - Native billingual proficiency