

Said AIT OUKOUR

Data Engineer



ABOUT ME

I am a new graduated Data engineer deeply committed to mastering the evolving landscape of technology and data. With a passion for innovation, I thrive on building efficient architectures and emerging technologies to drive impactful solutions. Eager to collaborate on projects pushing the boundaries of Data Engineering

EXPERIENCE

AI ENGINEER & DATA SCIENTIST

BEREXIA

Aug 2023 - July 2024 - 1 year, Casablanca

I developed an AI assistant application for non-playable characters (NPCs) in the metaverse world. This involved building an LLM system and RAG System, creating an API, and deploying it with a CI/CD pipeline.

Large Language Models & Huggingface, ML & Deep Learning, Embedding Vectors, Python, Flask API Development, MongoDB, ChromaDB, Langchain & RAG systems

PROJECTS

TWITTER SENTIMENT ANALYSIS :

Sentiment analysis for streaming Twitter APIs

• ETL • Streaming Data • Airflow • Apache Spark • RDDs • Pyspark
Streaming • Nifi • Kafka • Hadoop

WEB SCRAPING AND AUTOMATION :

Developed Automated bots and web scrapers, deployed on AWS and Azure Cloud Services.

• Web Scraping • ETL • Object Storage • Cloud Computing • Proxies • Selenium • Scripting • Data Analysis

BI PROJECT GLOBAL SUSTAINABLE DEVELOPMENT :

Collected and transformed article research data to analyze Sustainable Development Goals (SDGs) using web scraping and automation techniques.

• Data Analysis • Data Modeling • Automation • Power BI • ETL • Data Cleaning

SMARTWATCH ANALYSIS:

for analyze real data stream of IOT (smartwatch devices) for fitness analysis

• IOT • Networking • Data Streaming • Spark • Kafka

BUILDING & DEPLOYING WEBSITE:

Developed & Designed web applications

Node.js • ReactJS • API Integration • JWT Security • Load Balancing (Nginx)
• AWS • (ELB) AWS

CONTACT MANAGER :

Developed & Designed web applications with Spring boot for Contact Management

Java • MVP • Spring Boot • NLP • Front-End (HTML, CSS, JavaScript)

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Education

NATIONAL SCHOOL OF APPLIED SCIENCES

AL HOCEIMA

STATE ENGINEER MAJOR

Data Engineering | 2019 - 2024

AL MAARI HIGH SCHOOL

PHYSICS SCIENCE | 2016 - 2019

Skills & Knowledge

Python, SQL, NoSQL DBs, Machine Learning, Deep Learning, AWS, GCP, Big Data, LLM, MLOps, CI/CD Pipelines, JavaScript, Web Development, DevOps, C++ , API REST

Tools & Technologies

TensorFlow, Apache Airflow, Apache Spark, Elasticsearch, Kafka, Hadoop, Nifi, Docker, Jenkins, Spring Boot, Jenkins, PyTorch, Nodejs, Postman, ReactJs, Git, Django

Certificates

[Data Engineering IBM](#)

[Python for Data Science, AI & Development](#)

[Advanced SQL Hackerrank](#)

Languages

French

English

Arabic