EL Maimouni Motaouakel

AI Master Student & Aspiring Solution Architect | Experience in ERP Deployment, Server Management & Intelligent IT Solutions

Date of Birth: 05/12/2003

Phone: +212 609247261

Adress: Tangier, Morocco

Linkedin:
https://www.linkedin.com/in/motaouakel-el-maimouni/

E-mail:
Motaouakelmaimo19@gmail.com
Elmaimouni.motaouakel@etu.uae.ac.ma

Portfolio:
https://portfolio-omega-flame-czes73vxmi.vercel.app/

Software Engineer with knowledge in IT infrastructure, networking, server deployment, and cybersecurity. Experienced in ERP implementation and cloud-based solutions. Currently pursuing a Master's in AI and Data Science to integrate intelligent automation into business systems.

Professional Experience

GUICOR ADVIRSORY — *Product Owner*

June 1, 2025 → Present

Co-developing strategic AI solutions for intelligent automation and workflow optimization.
Supporting deployment architecture, integration with existing systems, and data flow design.

Cloud Marketing HUB — *ERP Odoo Implementation Intern*

April 15, 2024 → September 1, 2024

Implemented Odoo ERP on a local server for a multi-company holding.
Designed internal exchange platforms and automated key workflows (purchase, sales, inventory).
Worked on server-side deployment and security access for cloud ERP.

Swissport — *Check-In and Boarding Agent – Tangier Ibn Battouta Airport*

July 1, 2023 → October 1, 2023

Two-month role with certification in check-in and boarding. Ensured smooth passenger flow and compliance with aviation regulations.

Redbubble — *Designer freelance et vendeur sur Redbubble*

2022

Created and sold original designs online, managing the full process from concept to sale.

Education

Master's Student in Artificial Intelligence and Data Science – 2nd Year

Faculty of Sciences and Technologies of Tangier (FSTT)

Bachelor's Degree in Science and Technology – Major: Software Application Development Engineering

Faculté des Sciences et Technologies de Tanger

2023 → 2024

DEUST – University Diploma in Science and Technology

Faculté des Sciences et Technologies de Tanger

2021 → 2023

Baccalaureate in Mathematical Sciences

Moulay Youssef Technical High School

2021

Projects

Real-Time Market Study & Reporting Agent

Guicor Advisory

Built a SaaS use case with automatic workflows using LangChain, LangGraph, and MCP for real-time search and report generation.

Odoo-Based Exchange & Trading Platform

Cloud Marketing Hub company

Implemented Odoo in a local cloud to create a secure, centralized ERP for managing inter-company purchases, sales, and financial analytics.

HR Process Optimization with Odoo

Cloud Marketing Hub company

Streamlined HR operations in Odoo using a semi-real scenario: from recruitment to employee management, including automated emails, pre-hiring tests, and document handling.

Interactive Data Analysis & Visualization Platform

University Project

Developed a web app for dataset import, processing, and visualization with integrated machine learning for training and prediction.
Tech: *Python, Flask, PostgreSQL*

Real-Time Amazon Review Analysis Pipeline

University Project

Built a streaming data pipeline to classify Amazon review sentiments using machine learning.
Tech: *Kafka & Zookeeper, Spark Streaming, PySpark, MongoDB, Docker, Python, Java*

Smart Airport Luggage Tracking System (IoT)

University Project

Created an IoT system to track luggage via QR code and mobile app. Used *Node-RED* for flows, *Firebase* for real-time DB, and *React Native* for the UI.

Preserving Moroccan Culture through Deep Learning (thurathIA)

University Project

Scientific project applying *CNNs* to classify traditional Moroccan Zellige tiles. Aimed at preserving cultural heritage through AI-based pattern recognition and dataset analysis.

Compétences

Deployment & DevOps:
Docker, Git/GitHub, Ubuntu Server, Local & Cloud Deployments, CI/CD (basic), VirtualBox
Infrastructure & Networking:
Basics of IT infrastructure, static IP config, firewall settings, Odoo server management, networking fundamentals
AI & Machine Learning:
Supervised Learning, CNNs, NLP RAG, Simple & Multi-agent Systems, AI automations (Langchain, Langgraph, n8n)
Data Processing:
Feature Engineering, ETL & ELT, Talend Open Source
Data Engineering & Big Data:
Kafka, Spark Streaming, Hadoop, YARN
Web/Mobile Dev & ERP:
Odoo ERP, React Native, Flutter, Flask,Django
IOT : Node-red
Relational Databases: SQL, SQL Server
NoSQL Databases: MongoDB
Software Design & Architecture: UML

Certifications

Introduction to Data Analysis – IBM :

Completed an IBM-authorized certification covering key data analysis steps, data-related roles, data structures and sources. Gained skills in data science, spreadsheets, Microsoft Excel, and data visualization.

Activities

Active member of the university club SOUL, where I participated in the Human Development Project, aimed at supporting abandoned and underprivileged children through hands-on assistance and community-focused activities.

Languages

- **English:** Very Good
- **French:** Very Good
- **Arabic:** Native
- **Spanish:** Beginner