

OMAR ABOULWAFa

Abu Dhabi

omaraboelwafa@gmail.com

+971-543551670

A strategic AI Architect & Integration expert specializing in the end-to-end development of AI systems. I architect and implement robust AI solutions that seamlessly integrate with existing workflows to automate complex processes, improve customer engagement, and deliver significant business growth.

Personal Details

Eligible to work in United Arab Emirates: Yes

Work Experience

AI Architect & Integration

Zmaxmedia Digital Agency-Abu Dhabi

January 2023 to Present

- Design and develop Agentic AI applications using LLM frameworks (LangChain, AutoGPT, CrewAI, Semantic Kernel)
- Architect and implement multi-agent systems for enterprise-grade solutions
- Integrate AI agents with APIs, databases, internal tools, and external SaaS products
- Define the business requirements and the test case scenarios for the future state of AI automated business processes.
- Perform in-depth process analysis for the processes selected for automation and create the relevant documents, such as the Process Definition Document.
- Robotic Process Automation (RPA) and business automation.

Data Scientist

TMG Group-Cairo,Egypt

January 2020 to December 2022

- Build a dynamic unit pricing using Machine Learning algorithms and save +40%of pricing department time.
- research reports enhanced customer satisfaction by 15%. Conducting regular data audits and cleaning to ensure data integrity and accuracy.
- Developed and maintained dashboards and reports using Excel, Tableau, SQL, and Power BI to track key performance indicators (KPIs).
- Conduct market analysis to identify trends, competitive landscape, and investment opportunities.
- Created market reports to support pricing strategies and promotional campaigns.
- Utilized statistical methods and ML algorithms to forecast property sales and rental trends.

Data Analyst

Metro Markets-Cairo,Egypt

October 2016 to December 2019

- Perform exploratory data analysis (EDA) to identify trends, patterns, and anomalies within datasets.
- Clean, preprocess, and transform data to ensure it is ready for analysis and reporting.

- Conduct statistical analysis to derive insights and support data-driven decision-making.
- Collaborate with team members to interpret data and develop actionable recommendations.
- Monitor the progress of data projects, track data quality metrics, and report regularly on project status, integrity, and outcomes to stakeholders.

Education

Civil engineering (Bachelor degree)

GEI Alumni-Cairo - Egypt

June 2016 to 2016

Skills

- CrewAI
- Microsoft Power tools
- RAG
- Lang chain
- Data Science
- Machine Learning
- Microsoft Power BI
- Microsoft Power automate
- Python
- graph chain

Languages

- Arabic - Native
- English - Fluent

Links

<https://omaraboulwafa.github.io/portfolio/>

<https://www.linkedin.com/in/omar-aboelwafa-0ab0a5168/>

Certifications and Licenses

STANFORD MACHINE LEARNING SPECIALIZATION

Present

Understanding cloud computing - Datacamp

Data science & business analytics intern (grip)

STANFORD SUPERVISED MACHINE LEARNING: REGRESSION AND CLASSIFICATION

IBM AI PRODUCT MANAGER

In progress

Generative AI: Prompt Engineering Basics - IBM

STANFORD ADVANCED LEARNING ALGORITHMS

IBM DATA ANALYSIS WITH PYTHON

Additional Information

- Location: Abu Dhabi, UAE
- Birth Date: 1st April 1992
- Marital Status: Married
- Nationality: Egyptian