

Alaa Awd Khalifa

Data Engineer

✉ alaaawad0100@gmail.com ☎ 01061081392 🌐 linkdein

👤 PROFILE

Passionate and highly skilled in data engineering, with hands-on experience in SQL, Hadoop, Spark, MySQL, Python, and ETL tools. Strong problem-solving abilities demonstrated by solving over 400 challenges on Codeforces and more than 100 problems on LeetCode. Adept at designing and implementing data solutions that drive insights and support decision-making.

🎓 EDUCATION

Bachelor's degree in artificial intelligence, Kafr Elsheikh University 10/2022 – 07/2026

Time Series Analysis Program, EPIC Institute of Technology 09/2024 – present | Remotely

💼 PROFESSIONAL EXPERIENCE

Site Coordinator, Almentor 07/2024 – present

Data Engineer Intern, Digital Egypt Pioneers Initiative - DEPI 06/2024 – present

Big data intern, Orange Digital Center 09/2024 – 10/2024

As a Big Data Intern, I assisted in data collection, preprocessing, and maintaining ETL pipelines. I worked with big data tools like Hadoop and Spark, perform data analysis, and generate reports, manage databases, optimize performance, and collaborate with teams while documenting processes

🧠 SKILLS

Knowledge and concepts

Data Engineering, Big data, ETL, OOP, Problem solving, Data structure and algorithms.

Tools & Techniques

Python(Numpy, Pandas, Matplotlib), C++, SQL, MySQL, Spark, Hadoop, Kafka.

📁 PROJECTS

Heart Failure Prediction

Developed a heart failure prediction model using machine learning algorithms, with a focus on Random Forest, to accurately predict patient outcomes.

📜 CERTIFICATES

- SQL (Intermediate)
- Data Analysis Nanodegree

🤝 VOULNTEERING

MLSA-KFS - Microsoft Learn Student Ambassdor, 08/2024 – present | Kafr Elsheikh
Data Engineer Mentor

Provide guidance and support to course participants, aiding in their learning and development. Also participate in teaching sessions alongside the Course Head and other speakers.