

Ali Mohamed Ahmed

DATA ENGINEER

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Objective

Highly skilled Data Engineer with experience in designing, developing, and maintaining data pipelines and processing systems using modern data tools and frameworks. Proficient in Python, SQL, and R with a strong background in data analysis and data modeling. Proven ability to deliver high-quality data solutions on time and within budget. Excellent problem solving skills and a passion for continuous learning and professional development.

Education

Delta University | Faculty of Artificial Intelligence

Bachelor's in Artificial Intelligence | GPA : 3.726/4.0 | Expected Graduation: 2027

Experience

Digital Egypt Pioneers Initiative (DEPI)

Data Engineering Intern (Hybrid)

July 2025 – Present

- Developed and gained hands on experience in data analysis and modeling using Python.
- Implemented SQL based data warehouse using Microsoft SQL Server.
- Built scalable data pipelines and integrated systems using Microsoft Azure services.
- Explored Azure Data Fundamentals and progressed toward Azure Data Engineer Associate skills.

Information technology institute (ITI)

AI & Machine Learning Trainee (Remote)

August 2025 – Present

- Engineered foundational knowledge in probability, statistics, linear algebra and numerical optimization for data science.
- Practiced Python programming for AI applications and data exploration.
- Developed understanding of deep learning and neural networks.

Information Technology Industry Development Agency (ITIDA) managed by Eyouth

Generative AI Engineer (Remote)

May 2025 – Present

- Built projects using Generative AI tools for freelancing applications, including client communication and proposal writing.
- Leveraged AI for job search automation, improving application response rate by 30%.
- Completed certified training modules covering LinkedIn optimization, negotiation and communication, and AI for freelancing success.

Projects

Cheating detection based on action recognition using computer vision

April 2025 – June 2025

- Led on my team contain 8 members to develop a real time cheating detection system using comuter vision and CNN.
- Processed live video streams with OpenCV and Dlib for real time monitoring.Used Copilot and Cursor to accelerate model.
- Applied deep learning for behavior classification and anomaly detection and used it in Google Colab.
- Video : [Project Demo](#)

