

# Alaa Seif

## NLP Engineer

Almahalla,Gharbia(Easy Relocated).

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### Profile

Ambitious and detail-oriented Computer Science graduate from MET Academy, ranked 6th in class. Currently advancing skills in Artificial Intelligence and Machine Learning through the ITI (Intake 45), with hands-on experience in Python, C, and C++. Strong background in front-end development and AI model training, with a proven ability to perform under pressure. Passionate about technology, problem-solving, and continuous learning.

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### Education

- **October – June 2025 9-Month Diploma (ITI) Information Technology Institute,**  
(MCIT) Ministry of Communications and Information Technology, Artificial Intelligence and Machine Learning track, Mansoura Branch.
  - **Bachelor of Computer Science**  
MET Academy for Technology and Commerce | 2024
    - Ranked 6th in class
    - Specialization: AI/Machine Learning
    - **Graduation Project:** Developed a digital stethoscope connected to an Android app that classifies heart sounds. Received a distinction for the project.
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### Freelancing Experience

#### Software Engineer(Freelance) at G2I

Sep 2024 – Mar 2025

- Supported the training and improvement of AI models by refining responses, rewriting Python code, and optimizing prompt structure.
  - Contributed to enhancing the model's understanding of front-end development through hands-on examples and code reviews.
  - Helped improve model behavior for real-world coding tasks, including web design and logic refinement.
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### Technical Skills :

#### Tools and Technologies

- **ML/DL Frameworks:** TensorFlow, Keras, PyTorch, scikit-learn
- **NLP Libraries:** spaCy, NLTK, Hugging Face Transformers
- **Data Handling:** Pandas, NumPy
- **Development Tools:** Git, GitHub, Jupyter Notebook, VS Code, Google Colab

## Certifications and Courses

- **Intermediate Python** - Datacamp
- **Data Prepration In Excel** - Datacamp
- **Mastering Object-Oriented Programming (OOP) using C++** - Mahara-tech
- **Understanding Artificial Intelligence** - Datacamp
- **Pythion Programing Basics** - Mahara-tech
- **Foundation of GIT** - Datacamp
- **Introduction to ChatGPT** - Datacamp
- **The Ultimate React Course: React, Next.js, Redux & More** - Udemy (Jonas Schmedtmann)
- **Linux** - MaharaTech
- **Cloud Computing** - Datacamp
- **AWS Cloud Technology and Services Concepts** - Datacamp

## Projects

### Obesity Classification | [GitHub Link](#)

The project applies supervised learning techniques to classify individuals based on their obesity risk level using:

- **Personal features** (age, weight).
- **Behavioral features** (eating habits, physical activity, transportation mode)

### Document Clustering | [GitHub Link](#)

The project applies **unsupervised learning** techniques to cluster documents from two datasets:

- **People Wikipedia Dataset** (biographical articles from Wikipedia).
- **20 Newsgroups Dataset** (20,000 articles across different topics).

### Movies Project | [GitHub Link](#)

- Developed a movie listing website using HTML, CSS, and JavaScript.
- Features sections for movies, series, and kids, each with curated content.

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## Activities

### Design Volunteer - Google Developer Student Clubs (GDSC), MET Academy- 2023

- Designed digital assets, social media posts, and banners for GDSC events using Adobe Photoshop, enhancing student engagement through creative visuals.

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## Honors

- Ranked 6th in class – 4th Year | Ranked 10th in class – 3rd Year

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## Languages

- Arabic (Native) | English (Fluent)

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## Personal Skills

- Teamwork , Communication , Problem-solving , Adaptability