

Ashraf Abdulkhaliq Bassuoni

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Nationality: Egyptian | Marital Status: Single | Military Status: Postponed | Age: 22

ashraf.zone | [LinkedIn](#) | [GitHub](#) | [Microsoft Learn](#) | [Kaggle](#) | [Codeforces](#)

Objectives

AI Engineer certified by Microsoft and NVIDIA with a strong foundation in data science, machine learning, and cloud-based AI solutions. With over two years of hands-on experience and applied AI, I have led technical projects, delivered community training, and driven impact through intelligent systems. My work spans AI-driven solutions for agriculture, healthcare, and storytelling—showcasing a deep commitment to using technology for social good. I'm seeking a challenging role where I can contribute to building intelligent, responsible, and scalable AI systems, while continuing to grow at the intersection of data, education, and innovation.

Education

B.Sc. in Artificial Intelligence

[Oct 2021 – Jun 2025]

Kafrelsheikh University, Egypt

Grade: **3.51/4 GPA**

Graduation Project

Smart Fish Farming
Monitoring System

Grade: *Excellent (H)*

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Led the development of a smart fish farming monitoring system designed to improve aquatic life by collecting and analyzing water and air quality data. The system included real-time environmental monitoring, forecasting key parameters using historical data, and early prediction of fish diseases, answering questions related to fish industry using RAG chatbot, CV system for classifying fish species and detecting diseases, acting as a decision support tool to prevent risks.

Experience

Work Experience

- **Site Supervisor (part-time)** [Feb 2024 – present]
almentor, Kafr El Sheikh (Hybrid)
 - Oversaw training operations, ensuring seamless coordination between instructors and students.
 - Managed logistical and operational tasks to optimize training delivery.
 - Assisted in automating processes to improve efficiency.
 - [Certificate of recognition](#)
- **Artificial Intelligence Engineer (Intern)** [Jul 2024 – Sep 2024]
ITI, Egypt (Hybrid)
 - Mastered Python for machine learning model development and data processing.
 - Applied probability, statistics, and linear algebra to optimize machine learning algorithms.
 - Built supervised and unsupervised learning models.
 - Explored deep learning concepts and neural network applications.
 - [Certification](#)
- **Site Coordinator (part-time)** [Jan 2024 – Feb 2024]
almentor, Kafr El Sheikh (on-site)
 - Ensure efficient utilization of venue space, equipment, and materials.
 - Maintained communication between different stakeholders for smooth execution.
 - Actively engage with the sessions offline.
 - Address challenges and resolve issues during sessions.
- **Data Scientist (Intern)** [Jan 2023 – May 2024]
shAI for AI, Jordan (Remote)
 - Gained expertise in **data analysis, machine learning, deep learning, computer vision**, and **NLP**.
 - Applied data preprocessing and feature extraction to optimize datasets for AI models.
 - Built **[Music Genre Classification](#), [Diamond Price Prediction](#), [COVID-19 X-Ray Image Diagnosis](#), [Sentiment Analysis for Movies Review](#)** models.
 - [Certification](#)

- **Software Engineer (Intern)** [Sep 2022 – Dec 2022]
Egypt Orange Digital Center, (Hybrid)
 - Mastered **C++**, **OOP**, **data structures**, **algorithms**, and **design patterns** to develop efficient software solutions.
 - Developed the [Cashier Library System](#) as a final project, implementing a robust application to manage library transactions and records.
 - Achieved a 95% grade in Software Engineering training, [Certification](#).

Volunteering Experience

- **Microsoft Student Ambassador** [Oct 2023 – Aug 2025]
Microsoft (Remote)
 - Led local campus for Microsoft Learn Student Ambassador program.
 - Organized [Cloud Computing Bootcamp](#), managing its technical and operational aspects, Handling logistics, scheduling, and speaker coordination.
 - Hosted Sessions about Microsoft technologies like Fabric, GitHub, and Azure ([find videos here](#)).
 - Securing second place with Parasite Hunter project in the [Ambassadors AI project](#) [Feb 2024]
 - Credentials: [Credly Profile](#)

Projects

- **AI Storyboard Weaver** – [GitHub](#) [April 2025 – present]
Built a Python-based tool that generates film storyboards using DeepSeek LLM for scene descriptions and dialogues, and DALL-E 3 for cinematic images.
- **Parasite Detection System** – [Website Github](#) [April 2025 – May 2025]
An AI-powered project designed to detect parasites in microscopic samples, leveraging the advanced capabilities of Microsoft Azure for accurate and efficient analysis.
- **HR Analytics Dashboard** – [Power BI](#) [April 2024 – May 2024]
A dashboard for HR systems to analyze employee behavior; integrating attendance trends, performance data, and satisfaction metrics to support data-driven HR decisions.

Technical Skills

Languages: Python, JavaScript, TypeScript, Java , C/C++, SQL

AI & Machine Learning: TensorFlow, PyTorch, Sk-learn, Keras, OpenCV, LangChain, NLTK, transformers

Cloud & DevOps (Backend): Git, GitHub, Microsoft Azure, Azure DevOps, Azure Functions, Azure ML Workspace, Azure Cognitive Services, Azure AI Foundry, Azure OpenAI, Docker, Hugging Face, MLflow

Data Tools: Pandas, NumPy, Jupyter, Matplotlib, SciPy, Seaborn, Power BI, Microsoft Fabric, Azure Cosmos DB, PySpark

Web Development (Frontend): HTML/CSS, React, Next.js, REST API, Flask, Node.js

Certifications

Evaluation and Light Customization of LLMs , NVIDIA	[Aug 2025]
Building Transformer-Based NLP Applications , NVIDIA	[May 2025]
Microsoft Certified: Azure Data Fundamentals , Microsoft	[May 2025]
Microsoft Certified: Azure Data Scientist Associate , Microsoft	[Oct 2024]
Microsoft Certified: Azure AI Fundamentals , Microsoft	[Sep 2024]
Microsoft Certified: Azure Fundamentals , Microsoft	[Jun 2024]
Applied Data Science Lab , WorldQuant University	[Sep 2023]
Entrepreneurship Training , InnovEgypt	[Sep 2023]
Artificial Intelligence and Applications , Zewail City	[Nov 2023]
Intro to ChatGPT and Generative AI , 365 Data Science	[Jul 2023]
Huawei HCIA-AI , Huawei	[Aug 2022]
AWS machine learning Foundations , Amazon Web Services	[Aug 2022]
Data Analysis Challenger , Udemy	[Jul 2022]
Python Fundamentals , Great Learning	[Jul 2022]
Intro to Artificial Intelligence , Edraak	[Sep 2021]