

# **Abdelrahman Mohamed Fahmy Abdelal**

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## **Summary:**

AI Engineer with a strong foundation in artificial intelligence, data analysis, and intelligent systems development. Experienced in building real-world projects using Python, Machine Learning, and web technologies. Highly motivated, detail-oriented, and passionate about solving complex problems and transforming ideas into scalable, data-driven solutions.

## **Educational Background:**

### **Bachelor of Artificial Intelligence || Information Technology Department**

Faculty / Institute of (Artificial Intelligence || Information Technology) || Sep 2024 – Present

Relevant Coursework:

Artificial Intelligence Programming || Data Structures || Databases || Operating Systems || Machine Learning Fundamentals

## **Projects & Practical Experience**

### **Breast Cancer Detection System (Machine Learning Project)**

April 2025

- Built a predictive system using Logistic Regression with Python.
- Performed data preprocessing, training, and evaluation.
- Integrated backend model with a web-based frontend.

### **Expert System – PC Troubleshooting**

February 2025

- Designed a rule-based expert system for diagnosing PC issues.
- Applied AI logic and decision rules to simulate human expertise.

### **Data Analysis Projects**

- Analyzed datasets using Python and visualization libraries.
- Extracted insights and presented results clearly.

## **Key Strengths & Specializations:**

- Building intelligent, data-driven systems
- Applying AI concepts to real-world problems
- Strong analytical and logical thinking
- Continuous learning mindset

## **Technical Skills:**

- Python Programming || Machine Learning Fundamentals || Data Analysis || SQL & Databases .
- Web Integration (HTML, Tailwind, Flask basics) || Problem Solving & Algorithmic Thinking

## **Soft Skills:**

- Responsibility and reliability.
- Teamwork and collaboration.
- Attention to detail.
- Commitment and discipline.
- Ability to work under pressure.

## **Language skills:**

- Arabic: Native
- English: Good (Technical & Academic)

## **Computer skills:**

Microsoft Word || PowerPoint || Excel || Visual Studio Development Tools .

## **Extracurricular Activities:**

- Personal AI & Programming Projects
- Continuous self-learning in Artificial Intelligence & Technology