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Phone: +201015584098

email:[romani.nasrat@gmail.com](mailto:romani.nasrat@gmail.com)

# Romani Nasrat Shawqi

## AI/ML Engineer

Egypt,Giza

### Skills

#### Main skills:

- DL/ML development frameworks and libs: **tensorflow, keras, sklearn, numpy, Pandas, transformers, hugging-face. Speech\_recognition.**
- Deploy models: **Django, flask, ReactJS Html, CS, bootstrap.**
- Programming Languages: **python, Java, C++, JavaScript**
- Database Management: **MySQL, SQLite**
- APIS building and integration: **RESTful APIs**

**Extra Skills:** Git/GitHub, Linux(**ubuntu**), SOLID, Algorithms, data structures, Problem Solving

### Projects

#### Breast cancer diagnosis system:

I develop websites that help doctors to easily classify patients of cancer using the Deep learning features.  
Website support registration and save patients info to help for analysis and future improvements.  
Website have 3 types of models for 3 different classification based on

1. Cancer type
2. Cancer stage
3. Density percentage

- Developed with: **TensorFlow, keras.sklearn, Django, SQLite, CSS, JavaScript, rest APIs.**

#### Graduation project (Catch-the-AI)

Is a smart AI-detector system that can distinguish between media text o audio that generated by the AI  
Our model works to capture patterns from data to final get our smart website

- functions in our system:
  1. Registration system
  2. Media type flexibility
  3. Admins dashboard
  4. User history
  5. Pricing plans
- Developed with:
  - a. AI part we build deep learning models from scratch (**TensorFlow, keras** ) and transformers (**hugging face** )
  - b. Datasets from **Kaggle** and another sources
  - c. Website: we build it using modern technologies like (**react.js, html5, css3 , JavaScript** ) and backend to deploy models and generate APIs we used **Django** framework

### Work experience.

#### ➤ AI Engineer Freelancer

Worked as a freelancer for **one year** on many platforms. I worked on many projects in as **AI Engineer**, as I build smart solutions that uses the features of **AI**, also a lot of models deployed it and integrated using RESTful APIs into a larger systems, platforms on it I work:

- **Freelancer.com, Khamsat , Mostaqi.**

#### ➤ ITI web development using **ReactJs** summer training.

I have learned the basics of React.Js how to build responsive websites and how to integrate APIS.

#### Skills:

1. HTML, CSS, JS, Bootstrap
2. Ract.JS
3. APIs

### Education

**BCS** , Benha University

Sep. 2020 - July. 2024