

# Zakaria Gamal Ahmed

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📍 Cairo, Egypt

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## Objective

If you are looking for a passionate backend developer who can seamlessly integrate Django into your projects while harnessing the power of computer vision, I am eager to connect and explore potential collaborations. Let's leverage technology to shape the future together

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## Professional Experience

### Freelance Backend developer

12/2022 – present

Design and develop apps and ML models to clients according to specifications such med-care system and Pet-store system.

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## Education

**B.Sc. of Computer Science**, Cairo higher institute

2020 -present  
Egypt

**Department:** Computer Science.

**Grade:** Excellent.

### 1<sup>st</sup> Graduation Project: Med-care System [🔗](#)

Developed website and mobile app to provide a medicine service for Doctor and patient such as profile for doctor to upload his clinic and see his appointment and patient to book and see last news in medicine and developed AI model to check whether the person is having Diabetes or Not.

**Technology:** Django, IoT, ML **Role:** Backend, ML.

**Project Grade:** Excellent

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## Projects

### Mask detection with distance [🔗](#)

Using the ML model, We created a project that can be detected are peoples wear masks or not and compute the distance between the people. Using a dataset from Kaggle.

**Model:** CNN, Inception v3

### Pet-store System [🔗](#)

We developed a system to order Pet and Accessories delivery online from tens of supplier and shops nearby and transport the demand to the customer and create a Vet doctor to help people has pets to book nearest Vet and vet dashboard.

**Technology:** Django, Google Maps API, SQL-lite, PayPal API **Role:** Full-stack

### Realtor-APP [🔗](#)

I developed a website system to search for houses to buy or rent it and user can upload houses or chat with seller the main idea here to make users reach each other and they can buy or sell house easily without third one between them and a contact form to our website to reach us if there a problem or help us to improve the website

**Technology:** Django, Google Maps API, SQL-lite, PayPal API, smtp\_Protocol, JS **Role:** Backend, JS

### Cinema Tickets API [🔗](#)

I developed a website Api system to make user book his movie ticket easily with his name and phone only and see all movie available in the home and the hall number that the movie in it

**Technology:** Django, SQL-lite, Rest Framework API **Role:** Backend

### **Blog-series-API**

I developed a website Api system to make user can see all blog posts and can comment or post the blog to share his thought in the movie or series I developed it to make some changes to be fit any other thing you want blog to be for

**Technology:** Django, SQL-lite, Rest Framework API **Role:** Backend

### **User-Dash-Dynamic**

I developed a website backend system so that user can make his dashboard and edit his data as he wants and make simple ne in his main dashboard and see all users in the website and I implement it to be like medical dashboard

**Technology:** Django, SQL-lite, Rest Framework API **Role:** Backend

### **TODOLIST-USER**

I developed a website system to make user login to make his own notes and change or delete it or update it as he wont the main goal her to make it easier for all users to upload their thoughts and editing it easily

**Technology:** Django, SQL-lite, JS **Role:** Full-stack

### **X-Ray-detect-illness**

I developed a CV model to detect weather to make user Upload his X-ray image and make the model detect weather the user is have a problem or not it is a ten-class model and the change here that I make the model detect if the image is X-ray or not with accuracy up to 91%

**Model:** CNN, RES\_NET, python

### **Arabic-Character-detection**

I developed a model using CNN technique to detect the alphabetic character in Arabic

**Technology:** CNN , CV

### **Arabic-Number-detection**

I developed a model using CNN technique to detect the number from zero to 9 in Arabic

**Technology:** CNN , CV

### **Face-Recognition-system**

developed a CV model using CNN application IncipionV3 to recognize the celebrity name containing 31 classes and using openCV to detect and crop the face from the original image and predict it

**Technology:** CNN , CV , Incepition-v3

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## Technical-Skills

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**Programming Language** (*Python, Java, C++, Django, JavaScript,C#.*)

**Machine Learning** (*Supervised, Unsupervised, Deep Learning, CV*)

**ML & DL frameworks** (*Scikit Learn, OpenCV, TensorFlow, Keras*)

**Data Science** (*NumPy, pandas, Statistics & Probability*)

**Database (SQL) | Data Visualization** (*Matplotlib,Seaborn*)

**Git/GitHub | RESTFRAME APIs | Network basics**

**Linux Command & shell scripting**

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## Languages

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**Arabic**  
*Native*



**English**  
*Upper-Intermediate*

