

# Ahmed Mohamed Ellaban

Port Said /Egypt

**Back-End Developer**

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## **SUMMARY**

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Results-driven Backend Developer with solid expertise in Python, Django, and Django REST Framework. Skilled in designing and implementing scalable database architectures, RESTful APIs, and secure authentication systems. Experienced in Linux environments with a good understanding of Docker fundamentals and containerization workflows. Committed to clean, maintainable code and test-driven development practices. Eager to contribute technical skills and a collaborative mindset to a dynamic development team, while continuously expanding backend and DevOps-related knowledge.

## **EDUCATION**

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### **Bachelor's in Computer Science**

- 2019 Joined the Faculty of Computers and Information Technology , Mansoura University
- 2023 year of graduation

## **PROJECTS**

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### **National Telecommunication Institute (NTI) – Front-end Development**

**Tech Stack:** HTML, CSS (Bootstrap), JavaScript, Django

A multi-page SaaS company website developed as part of the NTI graduation project. The platform includes standard sections such as Home, Services, About, Blog, and Contact. The system follows a modular layout with clean UI/UX. A CV section is also included as an interactive component. Django was integrated only for an embedded chatbot feature, showcasing basic backend interaction.[project link](#)

### **E-commerce Aviato E-commerce (Django + DTL) (self training)**

This is a full-featured e-commerce web application built with Django, based on the Aviato HTML Template.

### **Implanet - Dental Clinic Patient Management System (2023)**

Developed and deployed a custom EHR-like system for a dental clinic to streamline operations and patient care. The system enabled secure creation and management of patient records, medical examinations, follow-ups, surgical history, and financial accounts. Built with Python (Django) and MySQL, and deployed on an Ubuntu local server within the clinic's internal network, the solution improved data security, reduced paperwork, and enhanced overall clinic efficiency.

## **GRADUATION PROJECT**

The project aims to provide a solution for individuals seeking skilled craftsmen or technicians across various professional fields. Built using Django and Django REST Framework for the backend, this platform enables professionals to create detailed profiles showcasing their expertise, skills, and services. Users can efficiently search for and connect with the right professional based on location and ratings, ensuring a reliable and convenient hiring experience.

[API documentation](#) , to access [permissions](#) use (developer\_1, #123456789#)

## **VOLUNTEERING EXPERIENCES**

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### **Python & Django Workshop – Port Said University (2025)**

- **Role: Backend Trainer**
- **Date: May 2025.**
- Led a 4-day hands-on workshop covering both frontend and backend development.
- Guided students in building a responsive static page using HTML, CSS, JavaScript, and Bootstrap.
- Taught how to convert the static page into a dynamic web app using Django and Explained the concept of Django REST Framework.
- Empowered students with practical knowledge of full-stack workflows, API integration, and MVC patterns.

### **CIS Team Mansoura University (2023)**

- Team CIS is a student activity at the Faculty of Computing and Information, Mansoura University.
- I participated with a group of colleagues interested in the field of back-end development in an educational plan for each other. In terms of developing personal skills, I participated in public relations, organizing events, participating in presentations, and developing communication skills.

## **COURSES**

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- National Telecommunication Institute (NTI) – Front-end Development
  - HTML5, CSS3, Bootstrap, JavaScript, Vue.js
- Solo learn platform
  - Python for Beginners , Python Data Structures , Python Core
- YouTube
  - Django beginner , Django Rest-framework , Git & GitHub Elzero web school , Git & GitHub , OOP Codezilla
  - Docker, python crash course Elzero web school, MySQL- giraffe
- Book (pdf)
  - Eric Matthes - Python Crash Course
  - MySQLNotesForProfessionals
  - The Linux Command Line A Complete Introduction by William E. Shotts

## **CERTIFICATES**

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|--------------------------|----------------------------------|
| • Python Data Structures | • Egypt FWD web challenger track |
| • Python for Beginners   | • FCIS MU summer training        |
| • Python Core            |                                  |

## **SKILLS**

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### **Technical Skills**

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|--|--|
| • Backend: Python, Django, Django REST Framework | • Version Control: Git, GitHub                     |
| • API Development: RESTful APIs, Postman         | • Basic Knowledge: Docker, Vue.js, PostgreSQL      |
| • Databases: MySQL, Database Design, ERD         | • Operating Systems: Ubuntu, Kali Linux, Parrot OS |
| • Frontend: HTML, CSS, JavaScript, Bootstrap     |  |

### **Soft Skills**

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|--------------------|-----------------------|
| • Public Relations | • Presentation Skills |
| • Leadership       | • Negotiation         |

## **MILITARY SERVICE**

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Egyptian Armed Forces – Completed

Service Duration: June 2024 – June 2025

Status: Fully exempt with official clearance and ready for immediate employment.