



Ammar Yasser Wardani

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PROFILE

Skilled Python backend developer specializing in Django and Django REST Framework for creating efficient and scalable web applications. Passionate about leveraging modern technologies to develop innovative and environmentally friendly solutions. Dedicated to continuous learning and contributing to impactful software engineering projects.

EDUCATION

- Intensive Training Program Full Stack using Python Track.** April 2022 - July 2022
 - Awarded a scholarship from Egypt's Ministry of Communications and Information Technology offered to less than 5% of applicants nationwide ([ITI](#)).
 - Completed 600 hours of training, developing proficiency in Python-based full-stack web development and delivering two real-world application prototypes.
 - Achieved a final exam score of 95%, ranking in the top 10% of the class.
- Bachelor Of Computer Science.** Sep 2017 - Jul 2021
 - Faculty Of Computers and Information Department Computer Science at Misr Higher Institute ([MET](#)).
 - Achieved a graduation grade of 70.34% (Good).
 - Fourth-year grade: 76.70% (Very Good).
 - **Graduation Project:** Developed a Face Recognition System, recognized as "Excellent with Honors," with a score of 99.9%.
 - Led a team of 5 in the development of the project, meeting all milestones 2 weeks ahead of schedule.

SKILLS

- | | | | | |
|----------|--------|----------------|--------------|------------|
| • Python | • Odoo | • JS, Es6 | • PostgreSQL | • OpenCV |
| • Django | • HTML | • Git & GitHub | • PyQt5 | • C++ |
| • Flask | • CSS | • SQL | • Tkinter | • React.js |

WORK EXPERIENCE

Green Valley, JTNY Support Engineer & Python Backend Developer Dec 2024 – Present

- Responsible for business operations and providing support to JTNY.

One Solution, Python Backed Developer Nov 2022 – Dec 2024

JTNY:

The JTNY Ride application, a product of Green Valley and powered by One Solution Company, is a smart mobility solution that facilitates seamless connections between passengers and drivers utilizing environmentally friendly vehicles owned by Green Valley.

- Developed RESTful APIs using Django REST Framework (DRF) to enable efficient data exchange between the backend and frontend.
- Optimized database interactions with MongoDB by integrating aggregation pipelines and efficient query strategies.

- Enhanced API security by implementing authentication and permission classes provided by Django REST Framework.

Champion Dite:

Champion Diet is a mobile app designed to help users achieve a healthy body by providing personalized diet plans, tracking food intake, and offering nutritional insights to promote a balanced lifestyle.

- Built the backend using Django to handle API requests and manage data.
- Executed custom SQL queries within Django to ensure fast data processing and efficient storage.

Ikarus EV Charging:

- Built using Django and Django REST Framework to deliver reliable and scalable APIs.
- Supports the configuration and monitoring of EV charging stations using the Open Charge Point Protocol (OCPP).

One Solution, Internship

Sep 2022 - Nov 2022

Created the ConAwnan app from scratch during an internship, a philanthropic project developed exclusively for the program. ConAwnan is dedicated to providing donations to those in need, including clothing and other essentials.

CERTIFICATES

Python Basics

- Issued by: Coursera
- Description: Gained proficiency in Python syntax, variables, loops, and conditional statements.
- Link: <https://www.coursera.org/account/accomplishments/verify/DYD2YGVU4BS9>

Programming for Everybody (Getting Started with Python)

- Issued by: Coursera
- Description: Completed an introductory course covering the basics of Python programming.
- Link: <https://www.coursera.org/account/accomplishments/verify/RZH25Q82VSVS>

Python Data Structures

- Issued by: Coursera
- Description: Mastered the concepts of lists, dictionaries, and other foundational data structures in Python.
- Link: <https://www.coursera.org/account/accomplishments/verify/C2V7UPBRJ828>

Database Fundamentals

- Issued by: Information Technology Institute (ITI), Egypt
- Description: This course provides a foundational understanding of database design, covering key concepts and terms related to database engineering. Topics include building ERDs, designing relational databases, normalizing data for efficiency, and writing basic SQL queries for data manipulation and retrieval.
- Link <https://drive.google.com/file/d/11tQfoN6T88utpH3HHClZVD5NhNtRaS8l/view?usp=sharing>

Learn HTML & CSS

- Issued by: Information Technology Institute (ITI), Egypt
- Description: This course provides a comprehensive introduction to web development, covering both HTML and CSS. The first part focuses on HTML, teaching how to structure web pages using proper tags, text, links, lists, tables, and forms. The second part covers CSS, focusing on how to style HTML elements with colors, typography, layouts, and responsive design to ensure your web pages look great on any device.
- Link https://drive.google.com/file/d/11A3MQ9FNpFBOPNEJbjP9Rg_Y5tAPx-3C/view?usp=sharing

Fullstack Python & Django

- Issued by: Udemy
- Description: This certificate covers the fundamentals and advanced concepts of Django, one of the most powerful web development frameworks. Topics include:
 - Basics of Python programming, Git, GitHub, and object-oriented programming.
 - Frontend essentials using HTML, CSS, and Bootstrap 5.

- Core and advanced features of Django such as Class-Based Views, Mixins, User Authentication, and API integration with Django REST Framework.
- Developing a complete web project similar to Airbnb, with deployment on Heroku and domain setup.
- Introduction to advanced tools like Docker, Celery, and AWS.
- Link <https://www.udemy.com/certificate/UC-a2ec67e6-68c7-41b7-a713-0d5841ae5266/>

The Complete Python and Django Reference

- Issued by: Udemy
- Description: This course covers advanced Python concepts, object-oriented programming, and in-depth Django development, including models, views, templates, and user authentication. It also includes advanced topics such as Django deployment, working with static/media files, and creating a full-scale project.
- Link <https://www.udemy.com/certificate/UC-17f15d72-ca3b-402d-8ece-c34bd00049e6/>

Freelancing Basics

- Issued by: Information Technology Institute (ITI), Egypt
- Description: This course covers the fundamentals of freelancing, guiding you through the entire process. It includes topics such as joining freelance platforms, self-marketing, calculating hourly rates, effective communication with clients, and organizing your workspace and projects. Whether you're just starting out or refining your skills, this course provides clear guidance on how to begin and succeed in freelancing.
- Link <https://drive.google.com/file/d/1GmdY5bloHB9jNpTSYOq3mwNksOB9LHJw/view?usp=sharing>

PERSONAL PROJECTS

E-learning (Django REST API & React.js): Developed as a graduation project for ITI, this E-learning platform uses Django REST Framework for the backend and React.js for the frontend. It provides features like user authentication, course management, and interactive learning. The app enhances the learning experience for both students and instructors.

- [preview here](#) 
- GitHub: <https://github.com/werdani/E-learning> 

Blog (Django & React.js): Developed as the first project during the ITI training, this full-stack web application uses Django for the backend and React.js for the frontend. Users can create, edit, and delete blog posts with a dynamic and responsive interface. The project also features secure authentication and seamless interaction between frontend and backend.

- [preview here](#) 
- GitHub: <https://github.com/werdani/Blog> 

Attendance system using Face Recognition (PyQt5 & Python): My graduation project is a desktop application for a student attendance system using face recognition technology. Built with Python, PyQt5, MySQL, and the face_recognition library, it automates attendance tracking by identifying students through facial features. The application features a user-friendly interface for managing attendance records in real-time.

- [preview here](#) 
- GitHub: <https://github.com/werdani/graduation-project> 

E-commerce (Python & Django): This project was developed while learning Django from the book *Django 3 by Example*. It is an e-commerce platform built using Python and Django, allowing users to browse products, add items to their cart, and complete purchases with a secure checkout process.

- GitHub <https://github.com/werdani/E-commerce> 

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s): **ENGLISH, Very Good**