

# 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  
Information technology institute (ITI)
- Bachelor Of Computer Science.** Sep 2017 - Jul 2021  
Faculty Of Computers and Information Department Computer Science at Misr Higher Institute (MET).

## SKILLS

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

## WORK EXPERIENCE

**One Solution,** Python Backed Developer Nov 2022 – Present

### JTNY:

The JTNY Ride application is a smart mobility solution that facilitates seamless connections between passengers and drivers utilizing environmentally friendly vehicles from Green Ride.

- 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

During my internship, I had the privilege of creating the ConAwnan app from scratch, a philanthropic project developed exclusively for the internship program. ConAwnan is committed to providing donations to those in need, including clothing and other essentials.

## PERSONAL PROJECTS

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**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> 