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MOHAMED ELSOKARY

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Work Experience

SonOff Egypt - Backend Developer   May 2021 - Until now

- ★ I worked on 5 projects; Sales and Training System (small scale), Smart Mosque API, Elevator Voice Control (Alexa Skill), and Smart Mirror integrated with Zoom API and image recognition.
- ★ I took 2 rewards for my progress, as Mr. Hassan Abo Daif - SonOff Owner said "Unusually, I am happy with such progress, as a person that it is hard to be satisfied with work progress".

Education

Ain Shams Management information system	March 2021 - Until now
ITEC eclectic (electronics,classic ,plc,pneumatic and solar power)	Sept 2016 - May 2018
ITIS Polistena mechatronics	Aug 2015 - July 2015

Courses

Udacity   ➔ Full Stack Web Developer Nanodegree.

Udemy   ➔ Python django - The Practical Guide.
                   ➔ API Engineer: Node | Python | Django | Postman | PostgreSQL.
                   ➔ The Python Programming A-Z Definitive Diploma.

Projects

Netflix Clone (Django)   Jan 2022 - Until now

A re-designed Netflix clone, that's integrated with most of the core features of Netflix.
- ➔ I used PostgreSQL database and Django ORM for it's technical advantages.
- ➔ I used the Bootstrap css framework in the frontend Template.

E-Commerce (Flask) - Github Source Code   Feb 2021 - March 2021

A Single vendor Ecommerce that serves most vendor's use cases in addition to blogs for products.
- ➔ I used raw SQL and MySQL.
- ➔ I used Jinja2 for front end templating .

Portfolio Builder (Django) - Example of Portfolios   June 2021 - Aug 2021

Portfolio Builder simplifies the process of making an online portfolio website. The user inputs the data then with one single click the user's portfolio is published on subdomain or custom domain and resume.
- ➔ I used Django and DRF for Backend.
- ➔ I used Jazzmin dashboard theme and Tailwind for the portfolio templates.
- ➔ I integrated Cloud Flare Api to create the subdomain's DNS.

Acasa - A Smart Home Project (Django)   July 2020 - April 2021

An app which controls lights, IR devices like television, and track cars via connecting with embedded systems devices.
- ➔ I used Socket.io for real-time updates of device status (example on/off).
- ➔ I used Django and DRF for Backend.
- ➔ I used Firebase Cloud Messaging to send real-time notifications.

Skills

Technical Languages: Python, Javascript, Html, CSS, SQL, JSON.
Framework: Django, Django Rest Framework, Flask, Odoo,Selenium, pytest, Swagger, Tailwind, BootStrap.
Servers: Aws, Heroku.
Databases: LightSql, MySQL, PostgreSQL.
Technologies: Socket.io, Git, Github, Docker, Restful-Api, Postman.
Natural Languages: English (Fluent), Arabic (Native)Italian(Fluent).