

Osama Khaled

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Objective

Entry-level Backend developer with knowledge of Computer science principles and advanced knowledge of python and JavaScript. I build full-stack web apps using Django and build Restful APIs using rest framework, flask and a bit with node.js. I can build or modify frontends templates using HTML, CSS, JS. For the data base knowledge I can design a scalable, secure, efficient DB that keep the normalization rules using Postgres for SQL DB and Mongo DB for NoSQL.

Education

MECHANICAL ENGINEERING | 2022 | ZAGAZIG UNIVERSITY

- 3.2 GPA
- *Favorite fields of study:* Robotics, Programing, CNC, Industrial systems design
- **Member of ASME team:** we are working on building industrial robot arms.
 - my role: I'm the head for the technical software team.

FULL STACK DEVELOPMENT| 2020 | UDACITY

- I learned Database design and modeling with PostgreSQL,
- build back-End servers and API design with Flask web framework, and user interfaces with JavaScript, Html, CSS and Bootstrap.
- Deployment and containerization with Docker, Kubernetes Heroku.
Link: <https://confirm.udacity.com/HUNMV7KM>

WEB PROFESSIONAL NANODEGREE| 2020 | UDACITY

- learned how to build web servers with node.js and express.js with the best performance
- they taught us how to deal with clints and use the freelancing platforms.
Link: <https://confirm.udacity.com/DGZTZJFF>

Experience

BACKEND DEVELOPER| EDUP STARTUP | 6/2020 – 12/2020.

- I was responsible for developing the LMS APIs and designing the database.
- I was managing the front-end team and lead them to produce
- I am the leader of the backend team that will participate on google solution challenge

TECHNICAL LEAD VICE| GOOGLE DSC AL-AZHAR UNIVERSITY | 9/2020 - NOW.

- We are teaching about 3000 students the modern technologies.
- We work on solving our society problems in various fields like Healthcare, Education, Economy and Industry.
- I am responsible for managing all the technical teams like ML, Data science, Web development, Mobile development, Embedded systems, and Product Design teams
- I am the leader of the backend team that will participate on google solution challenge 2021.

Skills & Abilities

- Python, OOP, Data Structures, algorithms, Django, Flask, Requests
- JS, JS Engine, ES6, asynchronous Programing, OOP, node JS
- Database, PostgreSQL, mongo DB
- CSS, HTML, Bootstrap
- Communication Skills
- Time management Skills
- Very good English
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- GitHub: <https://github.com/osama614>

-LinkedIn: <https://www.linkedin.com/in/osama-alagooz-396a09173/>