

Saad Abdrabo Elkheety

Alexandria, Egypt | +201225956167 | saadelkheety@ieee.org | [Linkedin](#) | [Github](#)

Experience

SENIOR SOFTWARE DEVELOPER | LOGICTREE, INC | MAY 2020 - PRESENT

- Work as a senior developer for all company products including Data247, Relax.net, etc...
- Suggest, plan, and execute new technics required for the app's stability and the extra load.

BACK-END PYTHON DEVELOPER | INOVATIAN INC. | APRIL 2019 - APRIL 2020

- Work as a backend web developer on 6G apps (billing system and e-store) using Django and flask integrating the apps with different teams.

FREELANCER FULL STACK WEB DEVELOPER | UPWORK, FREELANCER | JUN 2018 - PRESENT

- Work as an independent contractor performing services as a freelancer for third-party client companies through Upwork and Freelancer as a full-stack web developer with Python and JavaScript.

Education

UNIVERSITY OF LONDON | BSC COMPUTER SCIENCE | OCT 2022 - PRESENT

- Online and self-paced degree to develop required skills for computing with a strong programming and mathematics focus.

FACULTY OF ENGINEERING | ALEXANDRIA UNIVERSITY | JUN 2014 - JAN 2018

- Major: Communication and Electronics Engineering
- Minor: Networks Engineering

FULL STACK WEB DEVELOPER NANODEGREE | UDACITY | DEC - 2018

- Learn to create complex server-side web applications that use powerful relational databases to persistently store data, build applications that can support any front end, and scale to support hundreds of thousands of users.

JAVASCRIPT ALGORITHMS AND DATA STRUCTURES | FREECODECAMP | NOV - 2018

- Completed five JS projects to apply the main features of JavaScript.

Skills

- **Backend (APIs):** Python, Flask, Django, Django Rest Framework, Celery (task queues), ORM
- **Database:** SQL(MariaDB, Postgresql), NOSQL(Mongodb), in-memory (Redis), Maxscale
- **DevOps:** Docker, Docker-Compose, Nginx, Apache, Haproxy (Load balancer), VPS (AWS LightSail, Digital Ocean)
- **Frontend:** JavaScript, AJAX, JQUERY, HTML5, CSS3, Bootstrap, KNOUKOUT.JS, JINJA2
- **Tools:** GIT, UNIX SHELL, Swagger

Projects

DATA247 API APPLICATION

- Complex and highly used APIs provide businesses with various data lookup services. Data is sourced from vetted, real-time data points providing businesses with high-quality data.
- Python, FLASK, Mariadb, Maxscale, Celery, Redis, Nginx, Haproxy, Docker, Docker-compose

BOOK REVIEW WEBSITE

- Search for books, leave reviews for individual books, and see the reviews made by other people. The website also uses a third-party API by Goodreads.
- Flask, PostgreSQL, Heroku, third parties' API integrations.

NEIGHBORHOOD MAP

- A single-page application has the functionality of a map including highlighted locations, search functionality, and third-party data about those locations.
- JAVASCRIPT, KNOUKOUT.JS, AJAX, BOOTSTRAP, Google maps API, Foursquare API