

ELSAEED AHMED

Back-end Engineer | Python | Django | REST APIs | PostgreSQL | MongoDB

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PROFESSIONAL EXPERIENCE

Back-end Engineer, ONE Solution - FULL TIME ☑

04/2024 – present
Cairo, Egypt

JTNY ☑ is a transportation app offering on-demand luxury and safe ride services.

- Developed new features and optimized existing functionalities for JTNY, using Django, DRF, and MongoDB.
- Improved endpoint performance and refactored code for better efficiency.
- Implemented app operational zones with Django GIS and PostGIS, restricting service to specific areas.

Back-end Engineer, PlatCourse - CONTRACT ☑

11/2022 – 03/2024
Cairo, Egypt

Platcourse is an Educational platform enables students to learn from the best instructors in a creative manner.

- Designed and developed high-available and high-performance REST APIs for both web and mobile clients.
- Developed and implemented a push notification service using Google Firebase.
- Resolved critical bugs and technical issues, improving the application's stability.
- Tech Stack: Python, Django, Django Rest-framework, PostgreSQL, Docker, Celery and Google Firebase

Software Developer, Arish Cement - FULL TIME

04/2022 – 09/2023
Cairo, Egypt

During my military service, I served as a Reserve Officer at Arish Cement Company, which falls under the Ministry of Defence's purview.

- Developed a web-based app for the company to facilitate the management of the company's stocks instead of using Excel sheets, increasing the stock management efficiency by 70%.
- Designed and created a website showcasing the company's projects and accomplishments.
- Fixed other Software and Hardware problems

PROJECTS

E-B Chat

09/2023 – 11/2023

Chat Bot To reply to Customer's questions in a virtual mall

- Trained a large language model LLM, specifically GPT3.5Turbo, on a dataset to enable it to respond to customer inquiries effectively.
- Utilized Typesense to optimize data indexing and retrieval, enhancing search functionality within the chatbot platform

Smart ATS ☑

10/2020

- Developed REST API endpoints to streamline communication between the front end and the back end.
- Developed unit tests for REST API endpoints to verify their functionality and ensure error free responses.
- Conducted code reviews for other back-end developers.
- Developed user-friendly documentation providing clear instructions on utilizing the API and its diverse endpoints.

VOLUNTEERING

Back-end Mentor, CAT Reloaded

11/2019 – 06/2021
Mansoura, Egypt

As a back-end mentor, I provided guidance and support to students in developing their skills and knowledge in back-end Development. This included designing and implementing learning plans tailored to each student's level and needs, as well as providing hands-on instruction in coding, debugging, and problem solving.

EDUCATION

Bachelor's degree, Mansoura University

09/2016 – 07/2021
Mansoura, Egypt

Bachelor's degree in Computer Engineering with a Minor in Control Systems

SKILLS

- Python | Django | Django Rest Framework | Flask | PostgreSQL | MongoDB | GIT / Github | Redis | Azure | HTML / CSS | Docker | JavaScript | Celery | Pandas | Unit-testing | Linux