Elsaeed Ahmed

Back-end Engineer (Python | Django | RESTAPIs | PostgreSql | Docker)

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EXPERIENCE

Back-end Engineer   December 2022 - Present, Contract
PlatCourse

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

Software Developer
Arish Cement, Egyptian Armed Forces   May 2022 – Present, Cairo Egypt
- I did my military service as a Reserve officer at Arish Cement Company – Ministry of Defense Working in Information Systems Management systems.
- Developed a website for the company to show company work and achievements.
- Fixed other Software and Hardware problems.
- 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%.

PROJECTS

Smart-ATS
CAT Reloaded • October 2020 – August 2021
- Implemented REST API endpoints to enable interaction between the front end and the database.
- Developed unit tests for REST API endpoints to verify their functionality and ensure error-free responses.
- Conducted code reviews for other back-end developers.
- Created user-friendly documentation that clearly explained how to use the API and its various endpoints.
- GitHub Link

San3a
Graduation Project • August 2020 – July 2021
- Designed the data model for the e-commerce platform in collaboration with the team.
- Implemented REST API endpoints to enable interaction between the front end and the database.
- Ensured security and scalability of the e-commerce platform by implementing measures such as data encryption, and user authentication.
- GitHub Link

INVOLVEMENT

Back-end Mentor
Mansoura University • CAT Reloaded • November 2019 – July 2021
- 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.
- Tech Stack: Python, Django, Flask, PostgreSQL, RESTAPIs, Docker, Testing

EDUCATION

Bachelor's degree in Computer Engineering with Minor in Control systems with an overall grade of Good.
Mansoura University • Mansoura, EG • 2021

SKILLS

Python; Django; Django Rest-Framework; Flask; PostgreSQL; Docker; Git; CI/CD; Debian Linux; Redis; Celery; unit testing.