

Mohamed El Atroush

SOFTWARE ENGINEER - BACKEND

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EDUCATION

The American University In Cairo

Bachelor's of Science, Computer Engineering

- Cumulative GPA: 3.04

Cairo, Egypt

Sep 2015 — May 2021

EXPERIENCE

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BACKEND SOFTWARE ENGINEER

Cairo, Egypt

Sep. 2022 - Current

- Responsible for creating Django REST Framework (**Python**) API endpoints throughout different micro services
- Created technical designs after meeting with several teams within the company such as the operations and business teams to get the full requirements and divide them into task for the backend and frontend developers
- Used the agile development methodology, using **JIRA** software to facilitate meetings and planning.
- Reviewed code for my colleagues' work and merge them to different environments
- Technically interviewed a lot of backend candidates for the company as part of the process of switching to a senior backend developer.
- Given the full-stack role after learning **React js** to explore the frontend side of the system as well as being responsible for the wireframe before the development of any frontend feature
- Taking on project management responsibilities, I engage with stakeholders from operations and marketing teams, extracting crucial details to formulate comprehensive development requirements. This active involvement in project management ensures a smooth transition from conceptualization to development for my fellow developers.
- Skills and technologies learnt: **Python, Postman, AWS, JIRA**, Presentation and interviewing skills.

IBM

DATA ENGINEER INTERN

Cairo, Egypt (Remote)

Dec. 2021 - Feb. 2022

- Educated several courses during the first two weeks of the internship related to data engineering field
- Job shadowed in a project with the ACA in Egypt using mainly IBM DataStage tool.

Agile Technologies

SOFTWARE ENGINEER INTERN

Cairo, Egypt (Remote)

Jul. 2020 - Aug. 2020

- Educated the software development life cycle SDLC
 - Designed and implemented an offline full-stack eCommerce application using OutSystems software
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SKILLS

- Programming:** Python, Javascript, C++, SQL
 - Backend:** Django REST framework, Elasticsearch, Swagger, FastAPI
 - Frontend:** React js, HTML5, CSS
 - DevOps:** Docker, AWS S3, AWS EC2, AWS Cloudwatch, AWS Route 53, New Relic
 - Others:** Microservices, OOP, CI/CD, REST API, JWT, NoSQL, RDBMS, Git, Unit testing
 - Languages:** English, Arabic, French
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CERTIFICATIONS

- Data Science Professional Certificate, Coursera 2022.
- The Complete Python Bootcamp, Udemy 2022.
- Introduction to Frontend Development, Coursera 2023.