

# Emad Mohamed

## Software Engineer (Backend Developer)



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## Skills

### App and Technologies

(Beginner to Higher)

#### - Javascript ecosystem

Typescript | Node | React | Express

#### - Python ecosystem

FastApi | Flask

#### - Databases

MongoDB | SQL | Postgres

#### - Web

HTML | CSS | SASS | Web APIs

#### - Miscellaneous

GIT | Linux | Docker | CircleCI

### Concept and System

{Beginner or Intermediate}

- Software Engineering
- DevOps | DB | OS | Network | Http
- Data structure | Algorithms
- Solid | DP | Clean code
- Testing (ISTQB) | TDD
- Automation | Scraping | Crawling
- SEO | UX

### Touched with

(Beginner)

GoLang | C#/.net core

## Software Engineer

- **Curious** experienced software engineer with a **lean** mindset, I am **planning** to be a **true engineer** and to be able to **raise** the bar and add **value** to any team
- **Proactive, honest**, responsible, **adaptive**, and coachable
- I have a validation first, a **positive** attitude, a **growth** mindset

## Work Experience

CORELIA - Full stack web developer

Dec 2021 - Now

### Summary :

Working remotely as **Full stack** web developer for **Corelia.ai**, French based company that provide IT Services and Consulting

### Projects :

1. Developed a tool that helps the cyber security team to accelerate the data gathering phase by ~30% and the reporting phase by ~90%
2. Designed simple algorithms for crawling, Indexing, Parsing, Extract text then extract products info from French receipts
3. Build more than **7** services in different projects and complexity. and **dockerized** and **document** them and design the client side of most of them using **Typescript/NodeJS/ReactJS**, **Python/FastAPI/Flask**, **Docker**, and **MongoDB/ Postgres**
4. **Migrate** a JS (React & NodeJS) project to Typescript and refactor it
5. **Dive down** into ticketing system to update some features and added new service to detect and distribute the right team
6. Participated some Frontend projects (Web&Mobile) using React
7. Participated in a stress test and some other simple tasks
8. **Trained** the data science team to build API using FastAPI and basic of Docker, and clean code

## Side Projects

AFokado (GP)

Sep 2019

Management system for the law firms and the law students (**Demo**)

Falae (MVP)

Aug 2020

System for bootstrapping and sharing the resources among the startups

ELStore

Jun 2021

B2C ecommerce system

## Education

Bachelor's degree in **computer science** And AI

2016 - 2020

Helwan University

GPA : 3.23 | Very Good