SOFYAN MAHMOUD EL-SAYED

Software development engineer (+3 years exp)

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Github ⋄ **LinkedIn** ⋄ **Leetcode**

EDUCATION AND MILITARY SERVICE

Graduated from Cairo University, Faculty of Engineering, Computer Engineering Department.
.   *August 2016 - August 2021*

- **Cumulative grade:** Very Good.

- **Graudation project:** Excellent

Graduated from high school (2016): Grade 99 %.

Military service: Completed.

EXPERIECE

- Software engineer at Solera energy.   (September 2023 – current)

  – Working as a back-end engineer using **Flask, Postgress**

- C++ instructor at MEC Academy.   (Jul 2023 – current)

  – The content of the course is **C++ Fundamental, OOP and DAS**

- Software development engineer at Eden technologies.   (November 2022 – September 2023)

  – Working on many services for parking system in smart villages in **Saudi Arabia**

  – The main responsibilties is to create APIs in many services some of them using **flask/python** and other using **spring boot/java** with **MongoDb**

- React software engineer at Egyptian armed forces.   (December 2021 – December 2022)

  – Building an ERP system used in the egyption armed forces using **React**

- Intern team leader at NajahNow company   (July 2021 – September 2021)

  – Leading 40 engineers in internship divided to 4 teams, each team works on a different project using stack **laravel, React and React native**

- Software developer engineer at NajahNow company: (July 2020 – March 2021)

  – I have worked in the main platform of the company

  – I have refactored the platform that I have changed the whole **front-end** and about **50 % of the backend**

  – I have added some features to the platform such as

    * Quiz system

    * Integrate the platform with online payment (Fawry payment)

    * Integrate the platform with whatsapp

    * Deploying the platform on gcp

    * And some small features

SKILLS

Concepts: Algorithms, Data structure, Problem solving, OOP, OOD, Design patterns, RESTful APIs.

Tools: Git, Github, Docker.

Programming Languages: C++, Java, Python, php, Js.

Frameworks/Libararies/Runtime environment: Spring boot, Laravel, ReactJs, Nodejs and Flask.

Hyper text languages: HTML, CSS, LATEX.

Database : SQL, MySQL, MongoDB, postgress.

OS : Linux(+5 years experience), Windows

PROJECTS

- NajahNow platform for online education - **Laravel, Blade templates**   [Link](#)
- Matchera (A website to reserve a seat in stadium) - **Laravel, React, SQL, Docker**   [Repo](#)
- Search engine indexer - **Java, MySql**   [Repo](#)
- Bubble sheet corrector - **Python, OpenCV**   [Repo](#)
- OS-Scheduler - **C++,Python**   [Repo](#)

STUDENT ACTIVITIES

- Technical community head at **IEEE** student activity   (August 2020 – March 2021)
  - Technical community head for workshops: **C++, Python, Front-end**
- Back-end instructor at **IEEE** student activity (best member)   (August 2019 – August 2020)
  - The sessions were about **Php, MySql, PDO**