

# SOFYAN MAHMOUD EL-SAYED

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[Github](#) ♦ [LinkedIn](#) ♦ [Leetcode](#) ♦ [portfolio](#)

## CARRIER OBJECTIVE

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Looking forward to earning the position of **Software Engineer** at a leading organization to showcase my technical skills in programming to generate high performance solutions to general software issues.

## EDUCATION AND MILITARY SERVICE

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**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.

## EXPERIEECE

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- React software engineer at Egyptian armed forces. . (December 2021 – December 2022)
- Team leader at [NajahNow](#) company . (July 2021 – September 2021)
  - Team leader for 40 engineers divided to 4 teams each team worked on different project/website
  - The used technologies are (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
- Computer head at IEEE (August 2020 – March 2021)
  - Computer head for workshops: {C++, Python, Front-end}
- Back-end instructor at IEEE (best member) (August 2019 – August 2020)
  - The sessions were about {Php, MySql, PDO}

## SKILLS

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### Web:

- **Back-end** : Laravel, php
- **Front-end** : React, JS (basics, Dom, Bom, ES6), HTML4/5, CSS
- **Database** : SQL, MySQL, MongoDB

### Programming

- **Languages:** C++, Python, Java
- **Computer science:** Algorithms, Data structure, Problem solving, OOP, OOD, Design patterns, RESTful APIs
- **Other:** Git, Github, Docker, Regex, Shell script, Command lines, Touch typing(70 wpm)

OS : Linux, Windows

Languages: Arabic (Native), English (Very good.)

## PROJECTS

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- Graduation project - Weather awareness and weather enhancement in autonomous car
  - The idea of the project is to detect the current weather e.g (snowy, rainy, night, foggy etc...) given stream of images from camera, and then enhance this adverse weather
  - The work depended on (Image processing, DL, CNN, GANS)
  - The technologies and languages we used are (Colab, Tensorflow, Keras and python)
- Search engine indexer - using (Java, MySql) [Repo](#)
- Bubble sheet corrector - using (Python, OpenCV) [Repo](#)
- Matchera (Website's API — Back-end) - Using (PHP, Laravel, SQL) [Repo](#)
- OS-Scheduler - Using (C++,Python) [Repo](#)
- OS-Kernal simulator - Using (C++).
- Souq.com application - Using (C# , SQL)
- Question Mark (Website's API — Back-end) - Using (PHP,Laravel) [Repo](#)
  - Note: The free trial of database hosting has ended but you can see the website in this [Video](#)