Mohamed Yasser Abdel Kader

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Languages
- JavaScript, Python, Ruby, HTML, CSS, C, C++, C#, Java.

Skills
- Good understanding of basic data structures and algorithms.
- Good understanding of the Object Oriented Programming paradigm and MVC pattern.
- Good full stack web development skills.
- Comfortable with Linux for development and hosting live applications.
- Comfortable with version control (Git) and containers (Docker).

Work Experience

- **Software Engineer (at eSpace – February 2022 to Present)**
  - I work at eSpace as a fullstack web developer (Rails + React) with exceptionally skilled developers.
  - I work on projects for the Saudi Arabian government that impact Saudi Arabia's digital transformation and generate millions of dollars in revenue.
  - I also work on eSpace's own products.

- **Teaching Assistant & Researcher (at the AAST college of Artificial Intelligence – February 2023 to July 2023)**
  - I worked there as a teaching assistant and AI researcher.
  - I contributed to different AI and robotics projects.
  - I taught relevant courses to many students.

- **Teaching Assistant (at the AAST college of Computer Engineering – October 2020 to February 2022)**
  - Taught different computer engineering courses to many students.

- **Software Engineering Intern (at Bibliotheca Alexandrina - August 2019 to September 2019)**
  - Worked with the web archiving team.
  - Developed a CLI program that indexes billions of webpages (**Lindexer**).
  - Developed an API that stores indexed metadata (**ARCAPI**).
  - **Languages and Technologies:** Python, Node.js, Neo4j.

Recent Projects

- **Jamify: The Social Networking and Jamming Platform**

  A platform for musicians that offers real-time jamming with different instruments as well as a personalized social media platform that aims towards enriching the music community. I was responsible for its social platform's backend.
    - **Languages and Technologies:** Node.js, Express.js, React, Python, MongoDB.

- **The Lyric Curator (@lyricurator)**

  A Twitter bot that periodically scrapes azlyrics.com for song lyrics then tweets a chosen portion of the lyrics to Twitter.
    - **Languages and Technologies:** Python, Beautiful Soup, Tweepy.

- **Al-Mansour Foods**

    A website developed for a foods company based in Egypt. It contains basic info about their company, inventory and contacts.
    - **Languages and Technologies:** Node.js, Express.js.

- **RoboTwit**

    A Twitter management portal that allows users to search, monitor and analyze tweets' reach and engagements. Users can also deploy and control custom bots from their accounts.
    - **Languages and Technologies:** jQuery, MongoDB, Express.js, Node.js, Passport.js.

Education

- 2020 – Present
    Arab Academy for Science, Technology & Maritime Transport
    College of Computer Engineering, Alexandria, Egypt
    Master of Science in Computer Engineering.

- 2015 - 2020
    Arab Academy for Science, Technology & Maritime Transport
    College of Computer Engineering, Alexandria, Egypt
    Bachelor of Science in Computer Engineering. GPA: 3.98

Certifications

- Certified for completing **Udacity's Full Stack Web Developer program**.

Languages

- Arabic (Mother tongue)
- English (Fluent)

Personal Interests

- Music, Guitar, Gaming, Reading and Chess.