

# Abdelmageed Medhat Seif

## Software Engineer / FrontEnd Developer

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🌐 Abd ElMageed Medhat Seif    🔗 Portfolio

### Profile

Highly motivated and results-oriented software development engineer with a focus on front-end development.

### Education

#### Software Engineering Program

02/2023 – 04/2024 | Cairo, Egypt

##### ALX\_Africa

A year of intensive training as an in software engineering fundamentals.

- **Technologies used :**

C / Python / HTML / CSS / JavaScript / React / Linux systems administration / DevOps principles / Git&Github / Git&Github / Responsive Web Design / OOP / Vim / Emacs / Vite / MySQL / SQL / Flask / SQLAlchemy / SSH / SSL/TLS / HTTP/S / Webstack / Debugging / Servers / Web Servers (Nginx) / Application Servers (Gunicorn) / Configuration Management (Puppet) / Load Balancers / Postmortems / Networking / Monitoring / JQuery / Jinja2 / Regexes

- **Certificate**

#### The Complete JavaScript Course 2024: From Zero to Expert

70 Hours

##### Udemy

- **Technologies used :**

JavaScript / HTML / CSS / ES6+ Features / Object-Oriented Programming (OOP) / Asynchronous JavaScript / NPM (Node Package Manager) / Parcel / Babel / Flowcharts / Common Design Patterns / Git / GitHub / Development Tools / APIs / Leaflet

- **Certificate**

#### The Ultimate React Course 2024: React, Redux & More

67 Hours

##### Udemy

- **Technologies used :**

React / JSX / React Router / Redux / Redux Toolkit / React Query / Tailwind CSS / CSS Modules / Styled Components / useEffect hook / Custom Hooks / useReducer hook / Context API / Performance Optimization Techniques (memoization, useMemo, useCallback, code splitting) / Virtual DOM / Authentication / Data Sorting, Filtering, and Pagination / Dark Mode / Charts (D3.js, Chart.js)

- **Certificate (OnGoing)**

#### Bachelor's Degree of Engineering.

2019 | Cairo, Egypt

#### Institute of Aviation Engineering and Technology

### Projects

##### WorldWise

- A React js app to track your travels utilizes React Router, context API, memo, useMemo, useCallback

##### UsePopcorn

- A React js app utilizes hooks, custom components, state management, event handling, and async data fetching.

##### Forkify

- A JS web application that fetches and displays food recipes using an external API, OOP, dynamic rendering, and error handling.

##### Bankist

- JS App working with arrays Methods, objects, DOM manipulation, event handling, and functional programming techniques,
- \*\*use the user "js" with pin "1111" & "jd" with pin "2222" to try it out

##### Mapty

- JS App Demonstrates OOP concepts, DOM manipulation, Geolocation API

##### AirBnB clone

- Implementing a command interpreter, a dynamic website built with python, database storage, TDD, Flask, SQLAlchemy, HTML, CSS and a RESTful API.

## Simple Shell [↗](#)

- *C Language / System Calls / Process Management / Input/Output Redirection / Command Parsing / Signal Handling / Shell Built-in Commands / Interactive Features*

## Printf [↗](#)

- *C Language / Variadic Functions / String Manipulation / Memory Allocation and Management / Format Specifiers Parsing / Output Stream Handling / Error Handling*

## Certificates

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**McKinsey Forward Program** [↗](#) (McKinsey & Company) | **EFSET English Certificate** [↗](#) (CI (advanced)) |

**Initiating and Planning Projects** [↗](#) (University of California, Irvine) | **Major Engineering Project**

**Performance** [↗](#) (University of Leeds) | **Productivity Tips: Finding Your Productive Mindset** (LinkedIn)

## Organizations

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### ALX Africa [↗](#)

2023 – present | Cairo, Egypt

- worked with a team to provide support for co-learners by holding weekly tech meetings for the whole year
- managing more than 10 groups for 3000 learners to help support for technical projects and daily tasks
- documenting all of our project's by co-building a **Notion Page** [↗](#) to ease the search for good resource to study from .

## Languages

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- Arabic
- English