Abdelmageed Medhat Seif

Software Engineer | FrontEnd Developer

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in 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
Institue of Aviation Engineering and Technology

Projects

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

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

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

Bankist ⧉
JavaScript
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 ⧉
JavaScript
JS App Demonstrates OOP concepts, DOM manipulation, Geolocation API

AirBnB clone ⍈
Python
  Implementing a command interpreter, a dynamic website, database storage, and a RESTful API.

Simple Shell ⍈
C Lang

  Create UNIX interpreter, focus on teamwork, efficient system call usage.

Printf ⍈
C Lang
  Implemented a custom _printf function in C that mimics the behavior of the standard printf function.

Certificates

McKinsey Forward Program ⍈ *(McKinsey & Company)* │ **EFSET English Certificate** ⍈ *(c1 (advanced))* │
Initiating and Planning Projects ⍈ *(University of California, Irvine)* │ **Major Engineering Project**
Performance ⍈ *(University of Leeds)* │ **Productivity Tips: Finding Your Productive Mindset** *(LinkedIn)*

Organizations

ALX Africa ⍈   2023 – present │ Cairo, Egypt
  - worked with a team to provide support for co-learners by helding 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

  - Arabic   - English