Hossam Hamdy

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6th of October, Giza, EG

Portfolio - GitHub - LinkedIn

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SUMMARY

Fresh Computer Science graduate with an A+ graduation project and a passionate problem-solver. Specialized in web development with MERN stack technologies I can develop both the front and back end.

EDUCATION

- *2020 - 2022*   **Post Graduate Diploma in Computer Science (GPA 3.56 - 4.0 Scale)**
  Faculty of Graduate Studies for Statistical Research - Cairo University

- *2014 - 2018*   **Bachelor of Accounting**
  Faculty of Commerce - Tanta University

EXPERIENCE

- **Graduation Project**

  Frontend Web Developer/Designer | 02/2022 - 10/2022

  I was responsible for designing and building a fully responsive Web *Client* and an *Admin Dashboard*. Collaborated with the backend to bring consistently updated and secure data to the user.

PROJECTS

- **Rawaa-App**: web-based food ordering application. The app is fully responsive to small devices (e.g., mobiles or tablets). Support Arabic and English languages. Search for products in Arabic/ English. Users can create/update/delete accounts, add/remove meals to/from the cart, mark meals as favorites, place/cancel an order, and track order status. [**demo** - **code**]
  - Implemented in *ReactJS*
  - *Redux toolkit* for state management
  - *Chakra-UI* for building the CSS components

- **Rawaa-Dashboard**: UI management tool for managing Rawaa-app. The app has quick summary widgets, graphs for displaying data, and sortable, paginated, and filtered tables to display data. *Admin* can add/edit/delete data from (e.g., products, categories).
  Cashiers can only track and change order status.
  Login Info: Admin(admin - admin5), Cashier (rawaa - rawaa5). [**demo** - **code**]
  - Implemented in *ReactJS*
  - *React-Query* for fetching and syncing data with the server
  - *Chakra-UI* for CSS

- **NASA Mission Control:** Space exploration project. Find your favorite planet from the list of habitable planets, schedule your trip, and have fun. [**code**]
  - The client is implemented in react.js
  - The server is implemented in Express.js
  - pm2 for process management

- **Forkify**: recipe application with custom recipe upload. [**demo** - **code**]
  - Implemented in JavaScript, HTML, and CSS
  - Uses RESTful API

- **Omnifood**: landing page for an ai-food company. [**demo** - **code**]
  - Implemented in HTML, CSS, and JavaScript

- **AskMe**: People ask questions and others answer them. Questions can be threads or anonymous questions. It is a file-based system that allows parallelism. [**code**]
  - Implemented in C++
  - Object-Oriented Programming
  - Data Structures

- **BookReader**: In this system, two types of users could log in/sign up Admin and Customers. Admin mainly for adding new books to the system. Users can navigate and open reading sessions. [**code**]
  - Implemented in C++/Pointers
  - Object-Oriented Programming
  - Data Structures

🏆 ACHIEVEMENTS

- **Competitive programming**: *500+* problems solved on LeetCode, CodeForces, Hackerrank, UVa, Spoj, Coderhub, and more see [github]

- **Certifications:**
  - Node - Complete NodeJS Developer in 2023 (GraphQL, MongoDB) [certificate - github]
  - React - The Complete Guide (incl Hooks, React Router, Redux) [certificate - github]
  - The Complete JavaScript Course 2022: From Zero to Expert! [certificate - github]
  - Build Responsive Real-World Websites with HTML and CSS [certificate - github]

- **Projects**: *15+* completed projects in different languages and technologies [github]

🎯 SKILLS

- *Programming*: C++, Javascript, Python, OOP, Data Structures, Algorithms, Design Patterns. [github]

- *Technology*: HTML, CSS, ReactJS, Redux toolkit, React-Query, Chakra-UI, NodeJS, ExpressJS, MVC Pattern, Docker, AWS, Sockets, GraphQL, Github. [github]

🔤 LANGUAGES

- **English**: Professional working proficiency

- **Arabic**: Native or bilingual proficiency