Dalia Adel Mohamed

Personal information

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Summary

Front-End Developer with a strong focus on delivering user-friendly, responsive, and high-performance web applications actively seeking remote front-end development opportunities to apply my skills and collaborate on impactful projects. I have developed expertise in translating design concepts into responsive, functional interfaces as well as the ability to work closely with teams to solve complex challenges.

Education

Faculty of Computers and Artificial Intelligence, Cairo University B.Sc. in Computer Science, Expected graduation: 2026   Oct 2022 - Present

Related courses: Object-oriented programming, software engineering analysis and design, web development, algorithms and data structure.

Technical skills

- **Languages & Frameworks:** HTML, CSS, JavaScript, TypeScript, React, Bootstrap, Python, Django, C++, AJAX
- **Databases:** Microsoft SQL Server, SQLite
- **Development Tools & Libraries:** Redux, Axios, JWT
- **Problem-Solving:** Algorithms, Data Structures, Object-Oriented Programming (OOP)

Projects

Online Learning Platform (Team project) - Github - (React, Bootstrap, Redux, JavaScript)

Developed a responsive and dynamic online learning platform offering courses to users with an admin dashboard for instructors to manage content. My contributions focused on front-end development, where I:

- Designed **user-friendly and responsive interfaces** for the homepage, login, registration, and courses pages, incorporating dynamic animations **using Framer Motion**.
- Leveraged **APIs** for dynamic data display and implemented protected routes for authentication
- Integrated **filtering and search functionalities** on the courses page, allowing users to filter courses by category, with added **pagination** for smooth content browsing.
- Managed user state with **Redux**, handling actions and reducers for authentication.
- Implemented **wishlist functionality** with loading animations, optimizing user interaction.
- Developed an admin feature for course deletion, streamlining content management.
- Utilized **Axios library** for efficient data fetching and asynchronous requests.

Online Library Website (Team Project) – Github – (HTML, CSS, JavaScript, Python, Django, SQLite)

Contributed to the development of an online library website that allows users to search and explore books. My responsibilities included both front-end and back-end development:

- Designed a **responsive search page** with an intuitive interface, ensuring optimal user experience across devices.
- Implemented **search functionality** on the front-end using JavaScript, allowing users to easily locate books.

- Utilized **Python with the Django framework** to develop the Books model, establishing the structure for book entries in the system.
- Integrated a **SQLite database** for storing and managing book data, and handled data entry by populating the database with book records.

Movie Recommendation Website (Independent Project) – <u>Github</u> – (React.js, Bootstrap, JWT, API Integration, Axios)

Developed a comprehensive website utilizing the movie database API to display trending movies, TV shows, and actors/actresses. My contributions included:

- Implemented authentication using **JSON Web Tokens (JWT)** and a provided **API (tested with Postman)** for secure user login and session management.
- Created a **responsive design** with a dynamic homepage using **Bootstrap**, showcasing movies, shows, and actors to enhance user engagement.
- Designed individual pages for movies, shows, and actors with **pagination** to manage large datasets, improving performance and user exploration.
- Developed a custom **loading indicator** for data fetching and utilized image placeholders for null data, ensuring a seamless visual experience.

Personal Website (Independent Project) – <u>Website</u> – (HTML, CSS, JavaScript, Bootstrap)
Developed a personal portfolio website to showcase my projects and professional background with a **responsive layout** to ensure optimal viewing experiences across various devices. Implemented interactive logic for users to **open or download** showcased projects directly from the website, enhancing accessibility.

CRUDS (Independent Project) – <u>Webpage</u> – (HTML,CSS,Bootstrap,JavaScript)

Developed a simple webpage implementing **CRUDS functionality** for product management. Key features include:

- Created a **user-friendly form** for adding new products to a table.
- Implemented **retrieve, update, delete , search functionalities** for efficient product management

Portfolio template (Independent Project) – <u>Website</u> – (HTML, CSS, Bootstrap)
Developed a visually appealing, responsive portfolio template using Bootstrap's grid system to showcase my skills and projects. Key aspects include:

- Practiced creating a clean and modern design using **Bootstrap's grid system** to showcase my skills and projects.
- Implemented **responsive layouts** for optimal user experience across various devices.

Certification and training

- Frontend Development using React, *Digital Egypt Pioneers Initiative.*

Languages

- **Arabic:** Native language
- **English:** Intermediate