

Hossam Mahmoud Khedr

Frontend Developer

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Summary

Frontend Developer with a strong foundation in software engineering and web technologies, specializing in building customized, complex, responsive, and user-friendly applications using modern UI frameworks. Eager to contribute my expertise to innovative projects in a dynamic team environment

Education

Information Technology Institute (ITI), Intensive 9-Month Coding Program (Oct 2024 - Present)
Enrolled in the Open-Source Applications Development track, gaining expertise in full-stack development, open-source technologies, and software engineering through intensive training and practical projects.

Bachelor of Computer Science, Damanhur University (Sep 2020 - Jun 2024)
Graduated with a grade of very good (GPA: 3.3/4.0)

Experience

Frontend Freelancer (May 2023 – OCT 2024)

- As a freelance frontend developer, I have been actively involved in creating visually appealing and responsive web projects.
- Notable Freelancing Projects:
 - Waiter**: I developed a responsive website for a shopping app builder dashboard, comprising three distinct pages, utilizing React.js alongside MaterialUI and styled components.
 - Jadwala**: Scheduling website, developed with HTML, CSS, JavaScript, and Tailwind CSS for a company specializing in appointment organization, comprises five diverse pages for an accessible and responsive experience.

Projects

Plan It To Live [GitHub](#)

- An AI-powered web application**: The website helps users identify plant diseases, provides personalized plant recommendations based on their environment, and offers a vast database of plant information.
- Developed the entire frontend**: Using React.js, translating UI designs into a fully functional and responsive web application.
- Implemented API communication**: Dynamically fetched and displayed plant information and AI model responses from the backend.
- Designed interactive forms**: Allow users to input plant data and receive AI-driven recommendations.
- Technologies**: React.js, Material UI, Axios, Styled Components, React Router Dom.

Waiter Dashboard [GitHub](#) | [Live](#)

- Drag-and-Drop Interface**: Users can seamlessly rearrange the navigation links using the drag-and-drop functionality.
- Real-Time Preview**: Users can instantly preview the changes they make to their app's interface, facilitating rapid iteration and allowing for adjustments to design elements.
- Customizable Items**: Users can add and customize various items, including banners, static images, and starting screens. They can upload images from their devices, integrating personalized visual content into their app interface.
- Payment Integration**: The dashboard facilitates payment integration, allowing users to conveniently add their bank account information for transactions related to app development and maintenance.
- Technologies**: React.js, Redux, Material UI, Styled Components, React Beautiful DND, React Router Dom.

DBMS Based on Bash [GitHub](#)

- Developed a CLI-based Database Management System (DBMS)**: Using Bash scripts, enabling users to create, manage, and manipulate databases directly from the terminal.
- Implemented core database operations**: Including creating, listing, connecting, and deleting databases and tables, with additional features for inserting, updating, selecting, and deleting records.
- Ensured data integrity**: By incorporating datatype validation and primary key constraints during record insertion and updates.

Skills

Programming languages: C, C++, JavaScript.
Technologies: HTML, CSS, React.js, Redux, Bootstrap, TailwindCSS
Tools: GIT, GitHub, Linux, Figma
Algorithms, Data structures & Problem Solving.
Languages: Arabic: native, English: Good written and spoken

Soft skills: Presentation, Communication, Organization, Leadership skills.