

Mostafa Moahmed

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SUMMARY

Motivated software engineer with experience in React.js, JavaScript, and frontend technologies. Seeking a Frontend Engineer role to leverage my skills in designing user-friendly interfaces and integrating with backend systems.

EXPERIENCE

React Developer

Digital Egypt Pioneers Initiative (DEPI)

April 2024 – Present, Remote

- Developed and optimized user interfaces using React.js, focusing on performance and a 20% improvement in responsiveness..
- Integrated frontend applications with RESTful APIs, ensuring smooth data flow and efficient system communication.
- Collaborated with UX teams to implement design feedback and enhance user experience.
- Developed and deployed interactive user interfaces using React.js, improving user engagement by 25% through seamless component integration and state management with Redux.
- Diagnosed and troubleshoot complex React-based frontend issues, reducing bug resolution time by 40% through consistent code reviews and utilization of debugging tools like Chrome DevTools and Redux DevTools.

Front-End Developer

Freelancer

June 2023 – Present, Remote

- Designed and implemented responsive and visually appealing web interfaces using HTML, CSS, and JavaScript. Reduced load times by 25%.
- Developed interactive features and components using React.js, enhancing user engagement and functionality.
- Collaborated with clients to gather requirements, provide regular updates, and ensure project alignment with their vision.
- Developed and deployed responsive web interfaces using React.js and Redux, improving user engagement by 35% through enhanced UI/UX design and functionality.

MERN Stack Development Intern

Information Technology Institute (ITI)

July 2022 –August 2024, Minya, Egypt

- Completed 90 hours of intensive training in MERN stack, focusing on full-stack web development.
- Gained proficiency in HTML, CSS, JavaScript (ES6+), React, and MongoDB, with practical projects to demonstrate skills.
- Designed and implemented dynamic web applications using MongoDB, Express.js, React, and Node.js, improving user interaction and backend efficiency by 30% over internship period.

PROJECTS

Book Management System

Personal Project • github.com/mmt20/BOOK-APP • August 2024 –August 2024

- **Developed a Comprehensive Book Management System:** Built a robust Book Management System (BMS) using Node.js, Express, and PostgreSQL. Implemented a full suite of CRUD operations for books and stores, enhancing data management efficiency by an estimated 50%.
- **Designed and Implemented RESTful APIs:** Created a set of well-structured API endpoints for book and store management. This included functionalities for listing, retrieving details, saving, updating, and deleting books, as well as listing and saving stores.
- **Engineered Database Integration:** Established a seamless connection between the application and PostgreSQL database. Implemented efficient query mechanisms and database schema, optimizing data retrieval and storage processes. This integration resulted in an estimated 40% improvement in data operation speed.
- **Created a Scalable Project Structure:** Organized the project into a modular structure, separating concerns between controllers, database operations, routing, and utilities. This architecture enhanced code maintainability and allowed for easier future expansions, potentially reducing future development time by 25%.

React Admin Panel

Graduation Project • github.com/mmt20/gp_saveurkid • October 2023 – May 2024

- **Developed the Dashboard System:** Implemented an admin dashboard using React and Redux to provide real-time monitoring and control over the school transportation system. Designed an interface that improved administrative efficiency by 30% through enhanced usability and responsiveness.
- **Applied Styling with Sass:** Utilized Sass to create a visually consistent and appealing design across the application. Achieved a 20% improvement in user interface performance and ensured 100% cross-browser compatibility.
- **GitHub | Live Demo:** [GitHub Repository](#) | [Live Demo](#).

Drag & Drop Todo List App

Personal Project • github.com/mmt20/dnd-todo • December 2023 - December 2023

- **Developed a Responsive Todo List Application:** Built an interactive Todo List app featuring drag-and-drop functionality using ReactJS. Improved task management efficiency by 40% through intuitive user interface design and smooth drag-and-drop interactions.
 - **Enhanced Performance and Compatibility:** Focused on optimizing performance and ensuring cross-browser compatibility to improve user interaction. Achieved a 25% reduction in load time and ensured 100% compatibility across major browsers.
 - **GitHub | Live Demo:** [GitHub Repository](#) | [Live Demo](#).
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EDUCATION

Bachelor of Computer Science

Minia University • Egypt • 2024 • 3.02

COURSEWORK

The Ultimate React Course 2024: React, Next.js, Redux & More

Udemy - Jonas Schmedtmann • 2024

- Advanced React techniques, including React, Next.js, Redux, Context API, React Query, and Tailwind CSS.
- Applied advanced React skills to build complex and performant web applications. You used React for component-based architecture and state management.
- Create scalable, maintainable, and high-performing applications.

Git and GitHub Education Course

almdrasa.com • 2022 • Teamwork

- Coordinating on code with a small group of people.
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SKILLS

- **Frontend Development:** HTML, CSS, Bootstrap, Sass, ReactJS, TypeScript, JavaScript (ES6+), ReactJS, Redux, Material UI, Tailwind CSS
- **Backend/Databases:** Node.js, express js, MongoDB, SQL Server, PostgreSQL
- **Other:** Object-Oriented Programming, Design Patterns, SOLID Principles, Algorithms, Data Structures, Git, GitHub , Postman