Mostafa Mahomoud Hosny

MERN Stack

mostafa.m.elfar@gmail.com • (+02)1102453675 • Giza Egypt • LinkedIn/Mostafa El_FAR

GitHub/Mostafa El_FAR • Codeforces/Mostafa El_FAR

PROFILE

Passionate about MERN stack development and continuously expanding knowledge. Currently pursuing studies in grade 3. Proficient in creating full-stack web applications using MongoDB, Express.js, React, and Node.js. Expertise in front-end and back-end development. Solid foundation in JavaScript and responsive design. Committed to staying up-to-date with latest technological advancements. Actively enhances problem-solving skills and technical proficiency through new projects. Thrives in collaborative environments. Eager to contribute to innovative development teams

PROFESSIONAL EXPERIENCE

2024/04 – 2024/10
Giza, Egypt

Mern Stack
React Frontend Web Developer 🔗
- Developed and maintained responsive web applications using React.js, optimizing user interfaces with best practices for performance and scalability.
- Implemented front-end architecture with HTML5, CSS3, and JavaScript, delivering responsive designs compatible with modern browsers and devices.
- Integrated backend services with RESTful APIs developed in Node.js and Express, ensuring seamless communication between client and server-side logic.
- Utilized version control systems like Git and GitHub for collaborative development, managing code changes effectively in multi-developer environments.

PROJECTS

2024/09

E-commerce Platform Using MERN Stack 🔗
This project is a full-featured e-commerce platform built with the MERN stack, offering secure user authentication and role-based access control for users, admins, and adminservers. It includes CRUD operations for managing products, categories, subcategories, and users, along with product filtering by price, rating, and categories. Users can add products to their wishlist and cart, and leave reviews for products. Authentication is handled using JWT and bcrypt, and image uploads are managed with Multer. State management is achieved through the Context API, ensuring smooth user experience and data integrity with Joi validation. The project also features a responsive frontend and an admin dashboard for managing users, products, and orders.
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Acount of user ===>>>> email = user@user.com 🔗 password = 123456789

2024/11

Task Manager with Role-Based Authentication 🔗
A Full-Stack Task Management System with Admin Dashboard, Task CRUD Operations, and Advanced Filtering Features
This project is a task manager platform with user authentication and role-based access control, developed with the MERN stack. It features two roles: **adminserver** and **user**. The **adminserver** has full control of the platform and can view a comprehensive dashboard. **Users** can create, read, update, and delete tasks, marking them as complete when finished. The platform includes task filtering options such as completed tasks, today's tasks, previous tasks, and future tasks, enhancing task management. Role-based authentication ensures secure access, while the admin dashboard provides an overview of task progress and user activity.

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| 2024/10 | **Movie Website** 🔗 |
| | *A Dynamic Film Discovery Platform* |

This project is a responsive movie website built with React, integrating an external movie API to display real-time film data. It includes user authentication with signup and login functionality, ensuring secure data handling. Key features include a search bar to filter movies by name, a movie details page with information like synopsis, rating, and cast, and a responsive navbar for easy navigation. React hooks like useState, useContext, and useCallback were used for efficient state management and performance optimization, while Bootstrap was applied for a responsive and visually appealing layout.

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| 2024/11 | **Portfolio Website** 🔗 |

My portfolio website is a professional platform designed to showcase my skills, projects, and achievements as a web developer. It features a sidebar with easy access to my contact information, including email, WhatsApp, LinkedIn, and GitHub, enabling visitors to connect with me through multiple channels. The website highlights my **projects**, providing detailed descriptions and links to explore my work. It also includes my **certifications**, emphasizing my expertise and continuous learning. The **About Me** section offers insight into my background and passion for web development, while the **Skills** section showcases my proficiency in various tools and technologies. This portfolio serves as a comprehensive representation of my work and capabilities.

EDUCATION

2022/09 – present	**Bachelor of Computer Science and Artificial Intelligence**
Giza, Egypt	*Cairo University for Computer Science and Artificial Intelligence* 🔗
	GPA: 3.35/4 [Very Good]

TECHNICAL SKILLS

Programming Languages
c++ , Java , Python

Introduction to Front-End Development
Html , Css , Javascript

React js
Hooks , Props , Components , Context API , Axios , StateManagement (Redux) , Routing (React Router)

Bootstrap

Json Server

Node js

Mongoo DB

Express js

Redux
Redux , Toolkit

Intro of Next js

Algorthims

Data Structure

SQL Server

Git/Github

COURSES & CERTIFICATES

Introduction to Front-End Development (Coursera) 🔗

LANGUAGES

Arabic
Native

English
Intermediate