

Malek Mostafa Salah

Full-stack developer(MERN Stack)

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Education

Faculty of Computers and Artificial Intelligence – Beni Suef University (2023 - 2027)

Projects

MEats: A MERN Stack Web Application for Food Ordering and Restaurant Management | *React.js, Expressjs, Nodejs, MongoDB*

- A MERN stack web application designed for food ordering and restaurant management. It features user authentication and authorization using Auth0 SDKs, allowing secure access for customers and restaurant owners. Customers can browse menus, place orders, and track them in real-time, while restaurant owners can manage menus and track orders. The application uses Shadcn for stylish components and React Query for efficient server state management. The backend, built with Express.js and Node.js, ensures scalability and robustness, with MongoDB for efficient data storage. MEats provides a seamless, user-friendly experience across devices, combining modern web technologies with robust security features.

LaptoShop | *Nextjs, tailwindcss, Nodejs, expressjs, mongoDB, mongoose*

- A full-stack web application for a laptop shop, featuring a Next.js, Tailwind CSS, and DaisyUI front end, and a Node.js, Express, and MongoDB back end. Key features include authentication, authorization, JWT, result limiting, and filtering. The project showcases responsive design and CRUD operations for managing products. Implemented shopping cart. Implemented security measures include encryption, input validation, and rate limiting. Future enhancements may include payment process, real-time updates and payment gateway integration.

Technical Skills

Languages: HTML, CSS, Javascript, Typescript, C++

Technologies: ReactJS, Next.js, HTML, CSS, JavaScript, Node.js, Express, MongoDB, Mongoose

Concepts: RESTful APIs, MVC Architecture, Responsive Design, Database Design, Asynchronous Programming, web sockets, Version Control

Achievements

- **Developed a Full-Stack E-commerce Application:** Successfully built a full-stack e-commerce application using React, Node.js, Express, and MongoDB, enabling users to browse products, manage their cart, and complete purchases.
- **Implemented Responsive Design:** Created a fully responsive website that adapts seamlessly to various screen sizes and devices, improving user experience and accessibility.
- **Deployed Applications:** Deployed web applications to cloud platforms like Vercel, Heroku, and Netlify, ensuring continuous delivery and deployment.

Languages

- English: Upper Intermediate (B1)
- Arabic: Native
- German: A1 level