

Omar Ehab Fathy

Cairo

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MERN Stack developer

Highly skilled backend developer with expertise in the MERN stack, specializing in Node.js. Experienced in designing scalable, secure web applications and delivering complex projects like e-commerce platforms and real estate solutions. Proficient in Mongoose, Tailwind CSS, JWT, and building RESTful APIs, with a passion for creating innovative tech solutions..

Communication

Oi Rov

Rov Team Member

Ghostech event

EDUCATION

Bachelor's degree in computer science

El Shorouk Academy

CERTIFICATIONS

- [ECPC Problem Solving certificate](#)

- [Ghostech IEEE certificate](#)

- [Udemy front-end certificate](#)

- [Fwd front-end certificate](#)

- [Gdsc front-end certificate](#)

PROJECTS

Food Restaurant

- Developed a comprehensive Restaurant Management System using the MERN stack, featuring a RESTful API for seamless integration and communication between the frontend and backend.
- Implemented robust CRUD functionality for managing food products, allowing admins to create, read, update, and delete menu items efficiently.
- Integrated secure authentication and authorization mechanisms using JWT, ensuring only authorized users can access specific features.
- Built payment processing functionality with multiple payment methods, enhancing the user experience by offering flexible payment options.
- Enhanced system security by implementing OTP-based email verification and encrypted password storage.
- Delivered a user-friendly admin dashboard for managing orders, products, and user roles, streamlining restaurant operations.

E-commerce

- Developed a dynamic E-Commerce Platform using EJS for server-side rendering, providing a seamless shopping experience with an interactive UI.
- Implemented full CRUD operations for product management, enabling efficient creation, reading, updating, and deletion of product listings.
- Integrated secure authentication and authorization, allowing users to register, log in, and manage their accounts while restricting access based on user roles (admin, customer).
- Implemented multiple payment methods, ensuring secure and flexible transaction processing for a smooth checkout experience.
- Designed a role-based access control system to manage user permissions, ensuring that only authorized users can perform specific actions.
- Enhanced the platform with features like product search, filtering, and order history, improving the overall user experience..

SKILLS

<ul style="list-style-type: none">• Back-End Web Development• Node.js• Express.js• JSON• Postman API• Data Structures• Object-Relational Mapping (ORM)• Python (Programming Language)• Redux• Redux Toolkit	<ul style="list-style-type: none">• Databases• Front-End Development• Object-Oriented Programming (OOP)• Problem Solving• Bootstrap• Tailwind• UI Developer• MySQL• React.js• CSS	<ul style="list-style-type: none">• JavaScript• HTML• Git• MongoDB• GitHub• Bitbucket• Jira• REST APIs
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