

Ahmed Mahmoud Abo-Raya

MERN Stack Engineer

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Summary

Computer Engineering graduate from the Modern Academy for Engineering and Technology with expertise in MERN stack development (MongoDB, Express.js, React, Node.js). Developed various dynamic and responsive web applications, demonstrating strong skills in both front-end and back-end development. Recognized for a passion for delivering high-quality work and the ability to maintain focus for long hours. Known for consistently being available to make updates or adjustments as needed.

Education

Modern Academy for Engineering and Technology
Bachelor's Degree in Computer Engineering | 2019 - 2024

- GPA: Very Good
 - Graduation Project Grade: A+
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Core Skills & Achievements

- **Front-End:** HTML, CSS, JavaScript, TypeScript, React.js, Bootstrap, Tailwind CSS, SASS
 - **Back-End:** Node.js, Express.js, MongoDB, SQL
 - **Programming Languages:** Python, C++, C
 - **Version Control:** Git
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Work History

Software Development Intern
DEPI | Cairo, Egypt | 2024 (6 months)

- Gained hands-on experience in both front-end and back-end development, building multiple full-stack projects.
- Worked closely with development teams to design and implement new features, ensuring efficient project delivery.
- Developed several web applications using React, Node.js, Express, and MongoDB, enhancing project functionality and user experience.
- Assisted in integrating RESTful APIs, improving data flow between the client-side and server-side applications.

Projects

<p>MedReserve <i>Full-Stack Web Application</i> A platform that enables patients to browse and reserve appointments with doctors. Includes role-based access for efficient management.</p> <ul style="list-style-type: none">• User Features:<ul style="list-style-type: none">○ View available doctors and make reservations.○ Users who miss 3 reservations are temporarily banned until admin approval and a penalty payment.• Admin Features:<ul style="list-style-type: none">○ Role-based access for Managers, Admins, and Doctors.○ Manage doctor accounts, cancel appointments, and perform other administrative tasks.○ Admins can lift bans on users and manage penalties.• Technologies: MongoDB, Express.js, React.js, Node.js, JavaScript	<p>ProjectManagement <i>Team-Based Web Application</i> A collaborative platform for managing tasks and projects, ideal for team coordination.</p> <ul style="list-style-type: none">• Task Management:<ul style="list-style-type: none">○ Create, update, and manage tasks with priority levels (Low, Medium, High).○ Change task status between "In Progress" and "Completed".• Project Management:<ul style="list-style-type: none">○ Create projects and assign team members with specific roles.○ Real-time chat feature for team collaboration.○ Project managers can add tasks for team members, while members can update task progress.• Technologies: React.js, Node.js, MongoDB, Socket.io for real-time chat, JavaScript
<p>E-Commerce Platform <i>Full-Stack Web Application</i> An e-commerce solution with separate functionalities for users and admins, providing a seamless shopping experience.</p> <ul style="list-style-type: none">• User Features:<ul style="list-style-type: none">○ Checkout process for purchasing products.○ Send messages directly to the admin for support.○ View order history and track the status of each purchase.○ Create and manage user accounts.• Admin Features:<ul style="list-style-type: none">○ Add, edit, or delete products with detailed information.○ Manage user messages, including viewing and deletion.○ Create new admin accounts and manage existing ones.○ View and filter all purchases, update order statuses (Pending, Delivered, Canceled).• Technologies: React.js, Node.js, Express.js, MongoDB, TypeScript	<p>VSClone <i>Code Editor Simulation</i> A web-based project replicating key features of Visual Studio Code, offering a familiar interface for developers.</p> <ul style="list-style-type: none">• Features:<ul style="list-style-type: none">○ Display folders and files with their contents.○ Toggle file/folder states between open and closed, with icons changing accordingly.○ Close any file and match the dark theme of Visual Studio Code.• Technologies: React.js, TypeScript, Tailwind CSS <p>Product Builder <i>Front-End Web Application</i> A user-friendly interface for managing products, allowing for easy addition and modification.</p> <ul style="list-style-type: none">• Features:<ul style="list-style-type: none">○ Add new products with details such as name, brand, and price.○ Edit or delete existing products with ease.○ Designed with an intuitive UI for a seamless experience.