

Amr Reda Mohamed

Full-Stack Web Developer | Backend | Frontend

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Summary

Full-Stack Web Developer with strong backend and frontend experience. Proficient in the MERN stack and skilled in building scalable, responsive web applications. Demonstrated ability to solve real-world problems with efficient, maintainable code. Very interested to contribute and build Scalable AI-Powered Solutions

EDUCATION

B.E. in Electrical and Computer Engineering,
Suez Canal University

07/2022 | Egypt

PROJECTS / OPEN-SOURCE

Prescripto, *React, Node.js, Express, MongoDB, Tailwind CSS* 🔗

- Built a full-stack doctor appointment platform with secure user authentication and role-based access.
- Implemented responsive design for seamless use on all devices.
- Enabled appointment scheduling, real-time availability, and profile browsing for patients.

Chatty, *React, Node.js, Express, MongoDB, Tailwind CSS, Socket.io* 🔗

- Developed a real-time messaging app with WebSocket integration for instant communication.
- Features include live user presence, message timestamps, authentication, and a modern chat UI.
- Applied state management and real-time event broadcasting.

Tech Store, *TypeScript, React, Node.js, Express, MongoDB, Material UI* 🔗

- Built a responsive eCommerce platform with cart, checkout, and order management features.
- Integrated user authentication and product filtering.
- Utilized TypeScript for type safety and scalable codebase structure.

EXPERIENCE

Information Technology Institute (ITI) — Backend Web
Development Intern

06/2021 – 08/2021 | Egypt

- Completed over 120 hours of hands-on training in backend web development using ASP.NET.
- Built secure, data-driven web modules using MVC design patterns.
- Developed and consumed RESTful APIs for CRUD operations.

SKILLS

Programming Languages — PHP, JavaScript, TypeScript, Python, HTML5, CSS3, **Frontend** — React.js, Tailwind CSS, Material UI, Bootstrap, daisyUI, **Backend** — Node.js, Express.js, **Databases** — MongoDB, SQL Server, **Tools / Platforms** — Git, GitHub, Linux, Postman, Docker, Kubernetes, Kafka, **Other** — RESTful APIs, WebSockets, Authentication (JWT/OAuth), Monolithic Architecture, Microservice Architecture, MVC Architecture, DDD Architecture

Courses & Certifications

MERN Stack BootCamp - Udemy. • AI/ML Fundamentals Nano Degree - Udacity. • HCIA-AI V3 - Huawei.