Ahmed Osama Awad Al-Saeed

Full-Stack Web Developer | MERN Stack

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Profile:

Full-Stack Web Developer with hands-on experience in building professional web applications using React.js, Node.js and MongoDB

I have worked on a variety of projects including educational platforms, real-time chat systems, payment gateway integrations, and CDN connections. I also published a custom open-source library, **react-modals-kit**, on NPM.

I'm passionate about writing clean, scalable code and delivering high-quality user experiences through thoughtful UI/UX design. Currently focused on advancing my skills in TypeScript, Docker, and software testing to ensure robust and maintainable systems.

I'm looking to join a professional team where I can contribute my expertise while continuing to grow both technically and professionally.

Technical Skills:

- **Frontend:** HTML , CSS , JavaScript, TypeScript , React.js , Material-UI , Bootstrap
- **Backend:** Node.js , Express.js , Mongoose , Firebase- Mobile, PotegerSQL
- **State Management:** Redux , Redux Toolkit , Context API
- **Tools & Others:** Git , GitHub , WebSocket , REST APIs , JSON , JWT , Postman

Experience:

- Full-Stack Web Developer | Freelance | 2024 – Present
  - Learning and implementing Node.js for back-end development.
  - Built APIs for e-commerce platforms and integrated with MongoDB for data management.
  - Worked on scripting and automation to optimize various web processes.
  - Deployed websites on external servers, including VPS for enhanced performance and scalability.

- Front-End Developer | Freelance | 2023 – 2024
  - Built and maintained several websites, including Educational platforms and custom dashboards
  - Secured websites using modern encryption and security practices.
  - Implemented state management using Redux and Redux Toolkit.
  - Dealing with video servers and building your own video player, in addition to managing video uploading and receiving, and splitting them into chunks.
  - Developed a QR code generator and integrated it within educational platforms.

- Front-End Developer | Freelance | 2022 – 2023
  - Developed various web applications including dashboards, Quran website, and a movie platform.
  - Focused on creating responsive and user-friendly interfaces with a smooth user experience.

Professional Projects:

- ebda3acadmy (إبداع التعليمية)

Ebdaa Educational Platform is a comprehensive educational environment that offers interactive lessons for secondary and Al-Azhar students, thanks to a selection of the best teachers, ensuring high-quality education and motivating students to achieve success and academic excellence.

Technologies: React.js (Vite), axios, bootstrap, formik, yup, reduxjs/toolkit, video.js

Challenges: Faced challenges in integrating token-based authentication, ensuring video security, and implementing live streaming features. Overcame difficulties in uploading and receiving video chunks using the TUS protocol and 3u8e format. Managed complex website API connectivity and state management with Redux.js/Toolkit. Developed a scanner and implemented QR code generation for each student, while successfully integrating with the database

Link: www.ebda3acadmy.com

Similar site: www.engli-z.com

- **E-Commerce API**

I built the back-end of an e-commerce platform using Node.js, Express.js, and MongoDB. The system includes secure RESTful APIs for managing products, categories, and users, with JWT authentication and role-based access control. Passwords are hashed with bcrypt for added security. The architecture is clean and scalable, and the app was deployed on a VPS with proper configuration for stable performance.

Technologies: Node.js, MongoDB, mongoose, dotenv, sharp, jsonwebtoken, bcryptjs

Challenges: During the back-end development, I encountered key challenges such as structuring scalable and secure APIs, implementing JWT-based authentication with role-based access control, and modeling complex data relationships in MongoDB. Ensuring data securities through password hashing and deploying the project on a VPS with proper environment configuration were also essential parts of the process.

Link: Ecommerce Rest API

- **Other Projects**
  - **EG-Movies:** A site that displays movie content based on React.js   (**Demo**)
  - **Quran Karem:** A versatile website for the Holy Quran, allowing users to read and listen to recitations by multiple sheikhs   (**Demo**)
  - **My personal website:** My personal website provides a brief introduction about myself, along with a showcase of all the projects I've worked on and the technologies I specialize in   (**Demo**)

Achievements:

- **React-modals-kit:** Developed and published a reusable modal component library for React.js on NPM. The library simplifies modal management by providing a flexible API for creating, customizing, and handling modals in React.js applications. It allows developers to easily trigger modals with customizable content, handle actions like confirmation and cancellation, and integrate with various user interactions. The library is designed for easy integration into any React.js project and is continuously updated with new features and improvements.

LINK: react-modals-kit

Education:

- Postgraduate Diploma in Education | 2022-2023 | Al-Azhar University
- Bachelor's Degree in Islamic Studies and Sharia | 2016-2019 | Al-Azhar University