

Ahmed Mohamed Mahmoud Ibrahim

MERN Stack Developer

Qena, Egypt • Phone: +201029851247 • Email: aahmed.muhaamed@gmail.com GitHub: github.com/amedmohmed925 • Portfolio: ahmed-muhamed.netlify.app

1 Objective

A MERN Stack Developer with one year of experience in building comprehensive web applications, specializing in designing interactive user interfaces using React and developing robust, secure back-end solutions with Node.js, Express.js, and MongoDB. Committed to balancing performance, design, and user experience, I aim to contribute to a team focused on innovation and technical excellence.

2 Education

Bachelor's Degree in Educational Technology

Expected 2027

Faculty of Specific Education, South Valley University — Qena, Egypt

3 Certifications

- **React Track Certificate** – Creativa Innovation Hub, Qena
- **Back-End Track Certificate** – Creativa Innovation Hub, Qena
- **Pre-Programming Certificate** – Creativa Innovation Hub, Qena

4 Skills

Programming Languages: JavaScript (ES6+), TypeScript (Beginner to Intermediate)

Front-End:

- Frameworks & Libraries: React.js, Context API, Redux, React Router, React Hooks (useEffect, useState, useMemo, useCallback, useRef)
- Markup & Styling: HTML, CSS, Sass, Tailwind CSS, Bootstrap
- Design: Responsive Design
- Build Tools: Vite, Webpack (Basics)

Back-End:

- Frameworks & Libraries: Node.js, Express.js
- Databases: MongoDB, Mongoose, Firebase (Firestore, Authentication, Storage)
- API Design: RESTful API Design, JWT Authentication, Firebase Auth
- Architecture: MVC Architecture
- Tools: Postman, API Documentation (Swagger)
- Security: Rate Limiting, Helmet, CORS, Express-rate-limit
- Integration: Webhooks, Payment Gateway Integration (Basics)
- Real-time Communication: Socket.io (Basics)

Tools & Version Control:

- Git, GitHub

- Gulp.js, Pug.js
- CI/CD Basics (Vercel auto deployment)
- Testing Tools: Jest, Mocha, Supertest

5 Projects

EduQuest.com (MERN Stack)

[Front-End](#) • [Back-End \(Code\)](#)

- Developed a comprehensive educational system (LMS) with basic and advanced features.
- Implemented a login system using JWT for secure authentication.
- Built API interfaces for user management and payment gateway integration.
- Technologies: React, Node.js, Express.js, MongoDB, JWT, Firebase, CSS, HTML, JavaScript.

Ghrass Library Website (Front-End + Firebase)

[Website](#)

- Created a platform for displaying and selling Islamic and educational books.
- Included inventory management and product display functionalities.
- Technologies: React, Firebase, JavaScript, HTML, CSS.

E-Commerce API (Back-End)

[Project \(Code\)](#)

- Designed and developed a REST API for managing products, orders, and users in an e-commerce system.
- Technologies: Node.js, Express.js, MongoDB, Mongoose, RESTful API.

Products Management System (Front-End)

[Website](#)

- Built an application for adding, editing, and deleting products with Excel data export functionality.
- Technologies: HTML, CSS, JavaScript.

Restaurant Website (Front-End)

[Website](#)

- Developed a responsive restaurant website with professional visual animations.
- Technologies: HTML, CSS, JavaScript.

All GitHub Projects: github.com/amedmohmed925