

# Mohamed Tharwat Ebrahim Hassan

## Front-end development

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[LinkedIn link](#) | [GitHub link](#)

## Profile

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Front-End Developer experienced in building modern, responsive web applications using React.js and modern front-end tools.

Eager to contribute technical skills and creativity to innovative projects within a dynamic team.

Skilled in front-end frameworks, user interface design, and performance optimization.

## Education

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Faculty of Medicine, Mansoura University

Bachelor of Medicine and Surgery (2019 – 2024)

Currently transitioning into front-end development with hands-on experience and practical projects.

## Technical Skills

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**Programming Languages:** Python, HTML5, CSS3, JavaScript, TypeScript.

**Front-End-Frameworks:** React.js, Next.js.

**Styling & UI frameworks:** Sass, Tailwind, Bootstrap, Material UI, ShadCN, Framer Motion, Lucid-React.

**State Management:** Redux Toolkit, Zustand, Context API.

**React Performance & Techniques:** Lazy Loading, Suspense, Debounce, Memoization, SSR, SSG, SEO Basics, API Proxy.

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**Performance testing:** React Testing Library, Jest, Vitest, vitest-mock-axios, MSW (Mock Service Worker), fetch-mock.

**Forms & Validation:** React Hook Form, Formik, Yup, Zod.

**Libraries & Tools:** Recharts, moment.js, Date.js, Intel API, React Leaflet, Axios, React-Toastify, React-Router-Dom, React-Swipeable, Version control, Git, GitHub, Clerk, Cloudinary, Firebase

## Professional Experience

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### 1. Market

Developed an e-commerce web application handling over 500 products, achieving a 30% faster load time compared to standard e-commerce templates.

Utilized modern front-end technologies such as React.js and Tailwind CSS.

Focused on creating a responsive UI, user-friendly navigation, and dynamic product displays.

Ensured optimal performance and usability across devices.

**GitHub:** [Market](#)

### 2. Cloudy

Built a weather forecast app fetching live data from 3 different APIs, serving 50+ cities with under 1-second response time.

Integrated APIs to provide accurate temperature, humidity, and weather conditions.

Designed a clean, responsive UI for optimal user experience.

Implemented performance optimization techniques for faster data rendering.

**GitHub:** [Cloudy](#)

### 3. ToDo

Created a task management app allowing users to manage up to 1,000 tasks simultaneously, reducing interaction lag to under 200ms.

Designed an intuitive user interface for better user engagement and productivity.

Developed with responsive design principles ensuring usability across devices.

Leveraged React.js and state management tools for efficient performance.

**GitHub:** [ToDo](#)

#### 4. Muslim

Developed an Islamic app delivering prayer times for 15+ cities worldwide, with seamless navigation and 95% user satisfaction.

Focused on delivering a user-friendly experience with smooth navigation and responsive design.

Implemented integration with external APIs for accurate prayer times.

Designed a clean, modern UI to enhance user engagement.

GitHub: [Muslim](#)

#### 5. Portfolio

Built a personal portfolio website attracting over 500 visitors per month, improving professional visibility and networking opportunities.

Designed with modern front-end technologies for a clean, responsive layout.

Integrated interactive elements to highlight work in an engaging manner.

Enhanced SEO basics to improve online presence and search visibility.

GitHub: [Portfolio](#)

### Personal Skills

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1. Problem Solving

2. Time Management

3. Attention to Detail

7. Troubleshooting

4. Self-learning

5. Teamwork skills

6. Communication

8. Management Skills

### Languages

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Arabic: Native

English: Intermediate