# Mahmoud Mohammed fathy

Front-End Developer

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Front-End Developer specializing in building scalable, high-performance web applications using React and modern frontend architectures. Experienced in component-driven development, clean code practices, state management, and performance optimization (lazy loading, code splitting, skeleton loading). Strong focus on real-world projects, UI/UX quality, and continuous self-learning.

## Experience

**Front-End Developer (Project-Based) at Personal Projects, Remote**
- Built and maintained large-scale React applications with modular, component-driven architecture.
- Implemented performance optimizations including lazy loading, code splitting, and skeleton loading to improve perceived load time
- Designed and developed reusable UI components using SCSS and modern CSS methodologies
- Developed interactive features such as chatbot systems and dynamic product/course pages
- Applied clean code principles to ensure maintainability and scalability

## Skills

**Frontend Development:** HTML, CSS, SCSS, Tailwind, Responsive & component-driven design

**JavaScript:** ES6+ ,Async programming, DOM manipulation, problem-solving logic

**React & UI Libraries:** React Hooks, State management, Routing, Integration with UI libraries

**Tools & Design:** Git, Vite, Figma, AI tools for design and productivity

TypeScript (In Progress)

## Projects

**EZYSKILLS – E-Learning Platform • ↗**
Built a responsive e-learning platform using React, SCSS, and modern frontend architecture. Implemented interactive chatbot for career guidance with dynamic question suggestions. Applied performance optimizations: lazy loading, code splitting, and skeleton loaders. Designed modular and reusable components for scalability and maintainability. Deployed as SPA with Netlify including proper routing and build automation.

**Cartopiaa – E-Commerce Application • ↗**
Developed a modern e-commerce interface with React, Vite, and SCSS. Built dynamic product pages, cart system, and checkout workflow with state management via Context API. Implemented skeleton loaders, scroll reveal animations (Framer Motion), and responsive layouts. Optimized performance with lazy loading and code splitting. Integrated chatbot with container-specific auto-scroll and dynamic JSON-based question suggestions.

## Education

**Undergraduate Student at Faculty of Arts – Geography, Damanhour, Egypt**

## Languages

**Arabic** - Native

**English** - Proficient

**Deutsch** - Beginner

## Certificates

**HTML Certification from Satr Platform – Saudi Ministry of Communications**

November 2024 • ↗

Completed a professional course in HTML under the supervision of the Saudi Cybersecurity & Programming Federation.

**CSS Certification from Satr Platform – Saudi Ministry of Communications**

November 2024 • ↗

Completed a professional course in C under the supervision of the Saudi Cybersecurity & Programming Federation.