# Mahmoud Fattah

## Front-End Engineer | React.js, Next.js & TypeScript

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## 🚀 Professional Summary

Highly skilled and detail-oriented Front-End Engineer with expertise in React.js, Next.js, and TypeScript, specializing in building scalable, high-performance web applications. Passionate about modern UI/UX development, state management, and performance optimization. Proficient in RESTful APIs integration, responsive design, and web accessibility. Committed to writing clean, maintainable code and continuously learning emerging web technologies.

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## 🎓 Education

Bachelor of Information Systems
📍 Faculty of Computers and Artificial Intelligence, Helwan University, Cairo
📅 Graduation: Oct 2020 – Jun 2024
🎯 GPA: 2.9 (Very Good)
📄 Major: Information Systems | 💡 Minor: Computer Science
🏆 Graduation Project: *Bookify* – A+ Grade

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## 🛠 Technical Skills

### Front-End Development

✔ HTML, CSS, Bootstrap, Tailwind CSS
✔ JavaScript (ES6+): let/const, arrow functions, destructuring, modules
✔ DOM Manipulation, Event Handling
✔ Asynchronous JavaScript: Promises, Async/Await, Fetch API

### React.js & Next.js

☑ Components, Props, State, Hooks (useState, useEffect, useContext)
☑ React Router, API Integration
☑ State Management: Context API, Redux
☑ Next.js: SSR, SSG, ISR, API Routes

### Advanced Web Development

☑ Responsive Design, Media Queries
☑ CSS Preprocessors (SASS), Styled Components
☑ Performance Optimization, Web Accessibility

### Back-End Basics

☑ HTTP, RESTful APIs
☑ SQL (Beginner), Firebase (Backend-as-a-Service)

### Developer Tools & Version Control

☑ Git & GitHub
☑ Webpack, Vite, Build Tools
☑ Testing & Debugging (Jest, React Testing Library)

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## 📚 Current Focus & Learning

🖋 Advanced state management with Redux Toolkit & Zustand
🖋 Enhancing Next.js skills (Server Components, Middleware)
🖋 Contributing to open-source projects & real-world applications

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## 💼 Projects & Experience

### 📌 My-Portfolio
📌 Tech Stack: HTML5, CSS3, JavaScript, AOS (Animate On Scroll)
💡 A modern portfolio website showcasing my skills, projects, and education, featuring smooth scroll animations with AOS and a contact form powered by Node.js & MongoDB.

🔗 [Live Demo](#) | ⌨ [GitHub Repo](#)

## 📌 E-Commerce React App

📌 Tech Stack:

- Frontend: React.js, React Router DOM, Bootstrap 5
- State Management & Forms: Redux Toolkit, Formik, Yup
- UI & Animations: React Slick, Slick Carousel, React Icons, FontAwesome
- API & Backend: Axios, Node.js, MongoDB

💡 A complete e-commerce web application that allows users to browse products, add them to cart or wishlist, register & log in, and proceed with payments.

🔗 [Live Demo](#) | ⌨ [GitHub Repo](#)

## 📌 ExploreEase-Travel

📌 Tech Stack: HTML, CSS (Bootstrap, Tailwind CSS, Custom Styles), JavaScript
💡 A modern travel agency website for browsing and booking travel packages, featuring destination showcases, travel deals, and an intuitive booking system.
🔗 [Live Demo](#) | ⌨ [GitHub Repo](#)

## 📌 EduVerse-Website

📌 Tech Stack: HTML, CSS (Bootstrap, Custom Styles), JavaScript
💡 A responsive university website for showcasing courses, campus details, facilities, student testimonials, and contact information.
🔗 [Live Demo](#) | ⌨ [GitHub Repo](#)

## 📌 Simple-Weather-App Public

📌 Tech Stack: HTML, CSS, JavaScript, OpenWeather API
💡 A user-friendly weather application that fetches real-time weather data, displaying temperature, humidity, and wind speed for any city entered by the user.
🔗 [Live Demo](#) | ⌨ [GitHub Repo](#)

## 📌 To-Do-List-App

📌 Tech Stack: HTML, CSS, JavaScript
💡 A simple and efficient task management app that allows users to add, edit, delete,

and mark tasks as completed, helping them stay organized.
🔗 Live Demo  | 🎧 GitHub Repo

## 📌 GreenCart – E-Commerce Website

📌 Tech Stack: HTML, CSS (Bootstrap, Custom Styles), JavaScript
💡 GreenCart is a modern e-commerce platform designed to provide a seamless
shopping    experience with a responsive design and an elegant product showcase.

🔗 Live Demo  | 🎧 GitHub Repo

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## 💡 Soft Skills

✓ Strong problem-solving skills
✓ UI/UX principles & attention to detail
✓ Effective communication & teamwork
✓ Time management & ability to meet deadlines
✓ Agile methodology & collaborative development

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## 🌍 Languages

🗣 Arabic: Native
🗣 English: Proficient (B2-C1 Level, Strong Communication Skills)