

# Ahmed Abdo Elnemr

## Frontend Developer

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## Profile

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I'm a fourth-year student at the Faculty of Engineering, Mansoura University, majoring in Computer and Control Systems. I am interested in web development and skilled at building interactive and responsive web applications. I continuously work on improving my problem-solving skills by solving problems on Codeforces and LeetCode.

## Skills

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- HTML
- CSS
- JavaScript
- TailwindCss
- React.js
- Next.js
- Typescript
- c++
- Git & Github
- problem solving
- Framer Motion
- Tanstack React Query

## Projects

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### Breakinpoint website

Breakinpoint is a student activity at the Faculty of Engineering, Mansoura University. I worked on this project with the backend developer for the first time, so I faced some problems connecting with him. Eventually, all the problems were solved, and we successfully created a responsive website for the team.

### E-Shop with Online Payment

This project is a simple e-commerce application built with Next.js, where users can review their cart, update quantities, and complete payments securely using Stripe. The application uses Zustand for efficient state management, while the UI is styled with Tailwind CSS and Shadcn UI for a clean and modern look. TypeScript ensures better code quality and prevents common errors, making this project a great opportunity to strengthen my Next.js and frontend development skills.

### Crowdfunding Platform

Developed the frontend of a crowdfunding web application in collaboration with a backend developer. Implemented features such as campaign listing, project details, milestones, reward tiers, and user authentication. Focused on API integration and state management using TanStack React Query, with form validation handled by Joi. Tech stack included React, Vite, React Router, Axios, React Toastify, and React Icons.

### Learning Management System

Developed a student-focused Learning Management System with secure user authentication using Clerk. The platform allows students to register, log in, access course materials, track their progress, and manage their profiles, ensuring a safe and user-friendly learning experience.

## **Doctor Appointment Management System**

Developed a Doctor Appointment System using React.js and Tailwind CSS, with routing via React Router and state management using Redux Toolkit and Context API. Used uuid for unique IDs, Joi for form validation, and React Toastify for alert messages.

## **E-commerce**

I developed this site as a self-training project to gain experience in large-scale applications. I focused on styling, building interactive features, and implementing collaborative functionality using state management tools like Redux and Context API.

## **Coffee Shop**

Animation is a key skill for any frontend developer, as it plays a big role in enhancing user experience. That's why I decided to learn Framer Motion which is a powerful library that makes creating complex animations much easier. This project was my first hands-on experience with it, and it gave me the chance to practice and start integrating animations into my future work.

## **Expense Tracker**

A personal finance app built with React Hooks and Context API to track income, expenses, and real-time balance. It uses useState, useEffect, and useReducer for dynamic state management and global data sharing. This project improved my skills in modern React patterns and clean component architecture.

## **Food Zone**

Developed a meals app using React, with json-server for a local API, Axios for data fetching, React Router for navigation, and SweetAlert for user-friendly error handling.

## **To Do List**

Design a simple to-do list application to practice using Redux and Redux Toolkit. Create a slice to manage the to-do state and access it from any component in the component tree. This library solves the problem of lifting state up and is an important tool commonly used in React applications.

## **Professional Experience**

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### **ITI Summer Training Program**

07/2025 – 08/2025  
Mansoura

### **Deloitte Innovation Hub Mentorship 2025**

06/2025 – 08/2025  
Remote

### **Participation in ECPC (Egyptian Collegiate Programming Contest)**

07/2024  
Alexandria, Egypt