Amany Elfawey

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📍 Alexandria, Egypt

PROFILE

Frontend Developer experienced in React.js, Next.js, TypeScript, and TailwindCSS, with a strong focus on building scalable and user-friendly ERP systems, dashboards, and e-commerce applications. Passionate about UI/UX and creating functional, visually appealing interfaces. Skilled in API integration and developing reusable components. Also work as a **Programming Instructor**, mentoring students in Python and Web Development to build real-world projects.

PROFESSIONAL EXPERIENCE

Frontend Developer, *BSA Engineering Consultancy*   05/2025 – Present
- Working on a large-scale ERP system, contributing to multiple enterprise-level projects.
- Developing and maintaining core frontend features using React.js, TypeScript, and TailwindCSS.
- Building and optimizing reusable components to ensure consistency and scalability across the system.
- Integrating with backend APIs using React Query to display real-time data efficiently.

Frontend Developer, *Stem AI*   12/2024 – 05/2025
- Contributed to the development of RPAIR, a large-scale competition platform used for robotics and programming events,implementing real-time updates with WebSocket.
- Designed responsive UI components (React.js, Tailwind CSS), ensuring seamless performance across all device types.
- Participated in the software development lifecycle — from requirements gathering and prototyping to development, testing, and deployment.
- Taught programming fundamentals as a Part-time Programming Instructor, guiding students through Python and Frontend concepts.

Frontend Mentor, *Google DSC MTI University*   12/2023 – 03/2024
- Mentored over 100 students in HTML, CSS, JavaScript, and React.js.
- Reviewed code, gave feedback, and organized technical sessions to support student growth.

Frontend Development Trainee,   07/2023 – 09/2023
Information Technology Institute(ITI)
- Built over 8 small web projects combining JavaScript and React.js, delivered under tight deadlines and focused on responsiveness and clean UI.

Frontend Development Intern, *Code Clause*   07/2023 – 08/2023
- Completed 4 solo web development projects showcasing skills in JavaScript, layout design, and responsive web implementation.

EDUCATION

Bachelor's Degree in Computer Science, *Tanta University*   10/2020 – 07/2024
Graduated from the Faculty of Computers and Information with a GPA of 3.11 and earned A+ in the graduation project(AI-based medical system).

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, React.js, Next.js, HTML5, CSS3, Python

UI & Styling: Tailwind CSS, Material UI, Bootstrap, Responsive Design, Figma

APIs: RESTful APIs, WebSocket

State & Data Management: React Query, Context API

Build & Tools: Git & GitHub, Postman, Webpack, Vite

SOFT SKILLS

Communication Skills, Problem Solving, Adaptability & Continuous Learning, Time Management, Leadership, Teamwork & Collaboration, Mentoring & Teaching.

PROJECTS

RPAIR, *Competition Management Platform* 🔗
- Developed a real-time judging system with React.js and WebSocket, enabling instant score updates across all connected devices
- Built scalable UI components for registration, exam access, and judge dashboards using Tailwind CSS

Medix Project, *AI Medical Platform* (*Graduation Project*) 🔗
Developed the front-end of an AI-powered medical application using Next.js, React.js, and Tailwind CSS. Implemented responsive UI, authentication flows, and role-based access for booking appointments and viewing MRI analysis results.

Yummy Project, *Recipe Explorer* 🔗
Built a dynamic recipe browsing app using HTML, CSS, and JavaScript. Integrated an external API to allow users to explore meals, view ingredients, and read cooking instructions.

CRUD Project, *Product Management System* 🔗
Created a full CRUD application with JavaScript, enabling users to add, update, and delete products in a simple and user-friendly interface.

Task Flow Project, *Smart Task Manager* 🔗
Intelligent task management with priority levels, smart filtering, and productivity analytics

COURSES

Advanced Frontend Development Course, *UpSkilling*   07/2025 – 09/2025
Focused on advanced React concepts including React Hooks, React Query, and Next.js, with hands-on projects using TypeScript. Strengthened skills in building scalable, maintainable, and production-ready applications.

Frontend Development Bootcamp, *Career180* 🔗   11/2024 – 12/2024
Intensive 200-hour React.js bootcamp with hands-on training.

Frontend Development Diploma, *Route* 🔗   07/2022 – 11/2022
Created 10+ real-world templates using HTML, CSS, JavaScript, and React.js to build responsive, accessible websites.

Database Fundamentals Course, *Mahara-Tech* (*ITI*) 🔗   10/2024
Covered SQL, data modeling, and relational databases.