Mahmoud Mostafa Mamdouh

[E-mail](.) | [LinkedIn](.) | [GitHub](.) | [Portfolio](.)
Address: Cairo, Egypt | +201096212491

PROFILE SUMMARY

Frontend Developer with 1+ year of hands-on experience building scalable, high-quality web applications using **React.js** and its ecosystem. Strong background in state management, performance optimization, and clean architecture. Experienced in collaborating with cross-functional teams in remote environments.

EDUCATION

Bachelor of Computer Science & Information Technology
Zagazig University, Egypt **|** 2020 – 2024
GPA: 3.4 (B+)
Relevant Coursework:
Database, Data structure, Algorithm, Operating system, Fundamentals of Computer Science, Calculus, Network, Object-oriented programming, System analysis.

Graduation Project: MS Insight (Grade A+)
- AI-based mobile application for early diagnosis of Multiple Sclerosis.
- Developed CNN model for MRI analysis and backend services using Flask.
- Tech: Python, TensorFlow, Keras, Flask, React Native.

PROFESSIONAL EXPERIENCE

Junior Frontend Developer (Remote)

Lothgha **| Aug 2024 – Oct 2024**

- Collaborated with Flutter and Backend teams to build and maintain an **admin dashboard** supporting three production mobile applications.
- Implemented full **CRUD operations** and ensured data consistency between the dashboard and mobile apps.
- Improved UI usability and maintainability through reusable React components.
- Worked in a remote, agile environment with cross-functional teams.
- Implemented real-time data synchronization reducing system errors by 60% and ensuring database consistency.
- Built 25+ reusable React components decreasing development time by 40% using modern design patterns.
- Optimized performance through code splitting and lazy loading improving page load speed by 35%.

Frontend developer Internship

Information Technology Institute **| June 2022 – September 2022**

- Completed intensive training program mastering HTML5, CSS3, JavaScript ES6+ through 20+ hands-on projects.
- Created 7+ responsive websites achieving 100% mobile compatibility using Flexbox and Grid systems.
- Built 5 Vue.js single-page applications demonstrating proficiency in component-based architecture.
- Developed team work, problem-solving, and analytical skills.

PROJECT EXPERIENCE

Hotel Management and Admin Dashboard (SPA) GitHub
Tech: React.js, React Query, React Router, Styled-Components, Supabase, Framer Motion
- Developed a full-featured admin dashboard to manage hotel check-in/check-out operations.
- Implemented authentication & authorization, CRUD operations, pagination, filtering, and sorting.
- Applied advanced React patterns to create highly reusable components.
- Added dark mode and interactive charts for better UX.

E-Commerce Web Application GitHub
Tech: React.js, Redux Toolkit, Strapi, Axios, Sass, MUI.
- Built a complete e-commerce platform using Strapi Headless CMS.
- Implemented product browsing, filtering, sorting, cart, and wishlist features.
- Enabled admin product management through Strapi dashboard.

Pizza Ordering Application GitHub
Tech: React.js, Redux Toolkit, Tailwind CSS
- Developed a pizza ordering system with real-time cart management.
- Implemented order prioritization and geolocation-based features.

TECHNICAL SKILLS

- **Programming Languages** JavaScript (ES6+), TypeScript, Java.
- **Web Technologies:** HTML5, CSS3, React.js, Next.js, Tailwind CSS, Styled-Components, Sass, user interface design, Project Management, responsive web design
- **Tools & Frameworks:** Redux, Redux Toolkit, React Query, Git, RESTful APIs, Postman, Git.
- **Cloud & DevOps:** Netlify, Vercel, GitHub Actions.
- **Problem-Solving:** I've solved more than 300 problems on **LeetCode.com** with JavaScript, TypeScript and Java, debugging, performance testing
- **Architecture & Concepts**: OOP, SOLID Principles, Design Patterns (Render Props, Compound Components).

Personal Skills

Ability to
- Learn Fast | Gain Experience | Time Management | Collaborate effectively with cross-functional teams | Brainstorming | troubleshooting

Personality
- Icebreaker | Flexible | Well Organized | Problem Solver | Responsible | Detail oriented

Influencing
- Sharing Inspiration | Encourage Collaboration | Fun | Build Trust | Good listener

Languages

- Arabic: Native
- English: Professional Working Proficiency