Ahmed Othman

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Front-End Developer with 4+ years of experience crafting responsive, user-friendly web applications using modern front-end technologies as React, Next.JS. Skilled in translating UI/UX designs into high-quality, interactive code, optimizing performance, and ensuring cross-browser compatibility. Experienced in API integration and committed to writing clean, maintainable code to continuously improve user experience.

Experience

JAN 2020 – PRESENT

Frontend Developer | Deltana IT | Project Based

- Developed responsive, high-performance web applications using React.js and Vanilla JavaScript.
- Optimized rendering and bundle size, reducing Largest Contentful Paint (LCP) by **30%** and achieving initial load times under **0.4s** for large-scale projects.
- Used profiling tools (React Profiler, Chrome DevTools) to identify and eliminate performance bottlenecks, improving rendering efficiency by **25%**.
- Applied best practices such as memoization, lazy loading, and layout shift minimization to enhance animation frame rates and user experience.
- Collaborated with designers, backend engineers, and product managers to ensure seamless UX and delivery of scalable features.
- Wrote clean, maintainable code following modular architecture, and participated in peer code reviews to uphold quality standards.

Key Projects:

- **KayanCare** – An enterprise-level healthcare platform designed to simplify patient registration, appointment scheduling, and medical record management. It provides a seamless experience for both healthcare providers and patients, streamlining essential medical processes. Built with **React.js**, **React Query**, **Redux**, and **Thunks**, **KayanCare** integrates complex dynamic forms and SMS notifications, enhancing operational workflows and improving efficiency in healthcare management.
- **Nahla** – A beginner-friendly SaaS platform that empowers small businesses to quickly create and launch their own websites without needing technical skills. It offers a seamless experience through intuitive template selection, a drag-and-drop editor, custom domain support, and built-in hosting. Developed with **React** for the editor interface and **Vanilla JavaScript** for public-facing pages, **Nahla** accelerates online presence, delivering a cost-effective solution for professional web creation.
- **Sally** – A Learning Management System (LMS) tailored for schools in Iraq, designed to simplify course management and enhance student tracking. Educators can easily create courses, enroll students, and monitor their progress through a user-friendly, mobile-first platform. Developed with **Vanilla JavaScript** for the landing and home pages, and **React** for the student dashboard, **Sally** streamlines school operations, reduces paperwork, and enhances the efficiency of student tracking and management.

APR 2023 – MAY 2024

Frontend Developer | SoftZone | Fulltime

- Developed responsive and high-performance web applications, ensuring seamless user experiences across a variety of platforms.
- Collaborated with cross-functional teams to analyze business requirements and design user-centric solutions, contributing to the architecture and implementation of multiple web applications.
- Focused on performance optimization by reducing load times, improving rendering efficiency, and enhancing the user interface for better interactivity.
- Utilized source control systems (TFS) to manage code and streamline collaboration with backend engineers and designers, ensuring smooth integration of features.
- Applied best practices for code modularity and maintainability, while actively participating in code reviews to maintain high development standards.

Key Projects:

- **Mayear E-Learning** – A comprehensive e-learning platform designed to enhance the learning experience for students and educators. Built with a focus on user engagement, the platform supports seamless course management and interactive learning features.
- **Darna E-Commerce** – A scalable e-commerce platform optimized for high traffic, offering a smooth, reliable transaction experience and a user-friendly interface for both customers and administrators.
- **RoomHour** (Client and Admin Dashboard)– A luxurious, mobile-first customer website designed to provide hotel guests with an effortless booking experience. Guests can easily browse rooms, check availability, and manage reservations, all within a smooth, intuitive interface. The platform includes a seamless Google sign-up process and a dedicated guest area for a personalized experience, ensuring a frictionless end-to-end booking journey.

Skills

Frontend Technologies:
- React.js, Next.js, Vanilla JavaScript
- Redux, Redux Toolkit, React Query
- HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Framer Motion

Performance Optimization:
- **P**erformance Auditing (Chrome DevTools, Chrome Performance Profiler, React Profiler,)
- Bundle Size Reduction, Lazy Loading, Memoization

Version Control & Collaboration:
- Git, TFS, Jira
- Agile/Scrum Methodologies

Soft Skills
- Excellent Researching Skills.
- A quick learner has the ability in learning individually or in a group.
- Confident Communications

Education

MAR 2023 – PRESENT
Master – Computer Science | Cairo University

OCT 2021 – JAN 2023
Postgraduate – Computer Science | Cairo University
Grade• Very Good

SEP 2017 – JUL2021
Bachelor – Computer Science | MET Academy | Mansoura
Grade• Very Good

Graduation Project• Building a deep learning model using DNN architecture implemented from scratch to diagnose and detect Covid-19 in CT-scans, the model performed very well with 92% accuracy acquiring the following knowledge:

- Deep understanding of gradient descent and backpropagation algorithm.
- CLAHE algorithm to enhance image characteristics.
- Efficient features extraction using contours and transformation.
- Batch processing to overcome overfitting.
- Analyzing the complexity of the implemented algorithm to enhance both round time and memory
- issues by 16%

Project Grade• Excellent with Honors.