Sandro Samy Moawad
Frontend Software Engineer

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Experience

Frontend Developer   04/2024 - present
Crowd Analyzer.

- Reduced app memory usage by 85% through virtualized infinite scroll implementation.
- Improved state handling by leading a session on advanced TanStack Query usage.
- Enhanced the design system by developing 20+ reusable components and standardizing an extensive icons library to enhance integration and maintain UI consistency.

Frontend Developer   02/2023 - 05/2024
RunProf LLC

- Improved site speed by 40% using performance techniques like lazy loading and bundle splitting.
- Raised SEO by 30% using advanced websites rendering patterns like SSR, SSG, and ISR strategies.
- Built responsive websites by converting Figma designs into clean, adaptive code.

Frontend Developer   07/2021 - 08/2022
Freelancing.

- Transformed client ideas into webs apps while maintaining strong communication and feedback loops.
- Applied industry best standards to deliver professional-grade results, continuously refining coding practices.

Education

Bachelor's Degree in Management Information Systems.   09/2017 - 05/2021
Alexandria University

Technical Skills

React.js, Next.js, Redux Toolkit, Zustand, React-Query, Vue.js, Nuxt.js, TypeScript, JavaScript, ES6+, HTML, CSS, Cypress, jest, Tailwind CSS, GraphQL, OOP, Git & GitHub, Github Actions, i18n, Algolia Search, Responsive, Web Design.

Training & Courses

Frontend Development.   07/2022 - 11/2022
Intensive Code Camp (ICC) - Information Technology Institute (ITI) - Ministry of Communication and Information Technology (MCIT) - Alexandria branch.

Projects

Crowd Analyzer Client Portal   04/2024 - present
- Revamped a web application providing real-time social media insights for Arabic-speaking audiences using machine learning, natural language processing, and data analytics.
- Improved performance with code splitting, lazy loading, and virtualization.
- Using: React.js, Typescript, React-Query, Zustand, Axios, Tailwind CSS, Shadcn, React Hook Form, Zod, Vite ,Cypress, Vitest.

Real Estate Future Forum (RFF)   08/2024 - 10/2024
- Contributed to the success of the annual Real Estate Future Forum, a prominent event in Saudi Arabia focused on shaping the housing and real estate sector.
- Using: React native, React-Query, Typescript, Jotai, React Hook Form, Zod, react native paper, axios.

Decoopa E-commerce Website   04/2023 - 12/2023

- User-centric e-commerce platform with personalized profiles, digital wallets, shopping carts, wishlists, secure online payments, and an advanced Algolia search for enhanced functionality.
- Technologies: Nuxt.js, Vue.js, Pinia.js, TypeScript, GraphQL, Algolia, Tailwind CSS, shadcn/ui, Firebase, yup, I18n.

77designstudio.com   07/2021 - 02/2022

- Interior designer's portfolio website with an admin dashboard for efficient project management, featuring a drag-and-drop interface that reduced setup time by 25%.
- Using: Next.js, React.js, Redux Toolkit, Next-Auth, React-Query, yup, Bootstrap, Framer-Motion, Node.js and MongoDB.

Languages

English, Arabic.