Mazen Emam

Mid-Senior Frontend Engineer with over 4 years of experience architecting and delivering high-performance web applications. Specializing in React, TypeScript, and modern frontend ecosystems. Proven ability to lead frontend development, drive scalable solutions, and optimize system performance in SaaS and enterprise environments. Strong focus on code quality, maintainability, and developer experience.

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WORK EXPERIENCE

Garment IO, Giza, Egypt— Mid-*Senior Frontend Engineer*

May 2023 - Present

- Led front-end strategy and performance optimization efforts, driving a 50% reduction in build times and significantly improving developer experience by transitioning from Webpack to Vite.
- Owned the frontend architecture, spearheading the incremental migration from JavaScript to TypeScript to enhance maintainability, scalability, and long-term stability.
- Designed and implemented a robust data visualization system by integrating Metabase and Syncfusion, providing factory managers with real-time production insights that improved decision-making. Redefined access control and security policies by revamping the Permissions Page, reducing authorization-related issues, and enhancing system integrity.
- Championed monitoring and reliability improvements, introducing Sentry for proactive error tracking, leading to faster issue resolution and a more stable production environment.
- Mentored junior engineers and conducted code reviews, raising the overall code quality and ensuring best practices in front-end development.
- Collaborated with cross-functional teams (backend, product, and business stakeholders) to align frontend initiatives with company objectives, ensuring a seamless product experience for thousands of users.

AsgaTech, Giza, Egypt— *Frontend Engineer*

Nov 2022 - May 2023

- Built reusable component libraries, reducing development time by 50%.
- Implemented image optimization and lazy loading techniques, cutting app load times by 35%.
- Enhanced global state management with MobX, reducing backend requests and improving app responsiveness.

Akwad, Alexandria, Egypt— *Frontend Engineer*

Oct 2021 - July 2022

- Developed a component library that reduced page development time by 90%.
- Standardized API response handling, reducing API-related bugs, and improving system stability.
- Mentored junior developers, increasing team efficiency and code quality.

TECHNOLOGIES

Proficient
HTML, CSS, SASS, Bootstrap, JavaScript, TypeScript, React, Redux/Redux Toolkit, MobX, Material-UI, Git

Familiar
Next.js, Firebase, MongoDB, REST, GraphQL, Node.js, Express, Docker, Vitest, Jest, React Testing Library (RTL), Vite, Webpack, Jira

Education

Udacity
React Nanodegree
Jul 2022 - Aug 2022

Free Code Camp
JavaScript Algorithms And Data Structures
Jun 2022 - Jul 2022

Information Technology Institute
MEARN Track, 3 Months diploma
Sep 2020 - Dec 2020

Alexandria University
BSc. in Management Information Systems, Faculty of Commerce
Oct 2013 - Jul 2017

References upon request!

PROJECTS

Trackstube ([Github](#) - [Live](#)).

- Designed and developed a modern music streaming and sharing platform.
- Implemented a responsive UI and integrated GraphQL for efficient data fetching.

Cart ([Github](#) - [Live](#))

- Built an e-commerce application with robust state management using Redux Toolkit.
- Optimized API calls and ensured type safety with TypeScript.

YelpCamp ([Github](#) - [Live](#))

- Developed a full-stack application for users to explore and review campgrounds.
- Implemented authentication, authorization, and scalable backend services using Node.js and MongoDB.

LANGUAGES

Arabic Native
English Fluent

References upon request!