# Mazen Emam

**Mid-Senior Frontend Engineer** with over 3 years of hands-on experience in building performant web applications using React, TypeScript, and JavaScript. Proven ability to implement scalable solutions in SaaS and product-based environments while focusing on user experience and code quality. Adept at integrating new technologies to solve challenging problems effectively.

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## WORK EXPERIENCE

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

*May 2023 - Present*

- Led transition to Vite, boosting startup speed by 5x and reducing build time by 50%.
- Implemented Sentry monitoring tool, decreasing issue resolution time.
- Identified code issues during reviews, reducing post-release bugs
- Main Stack: Ag Grid - Axios - Formik (Yup) - MUI - React (JS) - React Intl - React Router - Redux Saga

### AsgaTech, Giza, Egypt— *Frontend Engineer*

*Nov 2022 - May 2023*

- Introduced reusable components, slashing development time for changes by 50%.
- Enhanced app startup speed by 35% through image optimization and lazy loading.
- Streamlined global state management, lowering backend server load
- Main Stack: Axios - MUI - Mobx - React (TS) - React Hook Form (Yup) - React Router

### Akwad, Alexandria, Egypt— *Frontend Engineer*

*Oct 2021 - Jul 2022*

- Developed a dynamic component library, reducing page development time by 90%.
- Mentored two junior developers, increasing team productivity
- Standardized API endpoint responses, ensuring consistency and minimizing bugs.
- Main Stack: Axios - Bootstrap - I18next - React (TS) - React Hook Form (Yup) - React Router - Sentry

## PROJECTS

**Trackstube** (Github - Live).

- A modern music-playing and sharing platform with a responsive interface.
- Main Stack: Apollo Client - GraphQL - Material UI - React

**Cart** (Github - Live)

- An e-commerce application featuring efficient state management and type safety.
- Main Stack: React - Redux Toolkit - Typescript

**YelpCamp** (Github - Live)

- A comprehensive full-stack application enables users to create, review, and explore campgrounds, focusing on user experience and scalability.
- Main Stack: Bootstrap - EJS - Node - Express

## TECHNOLOGIES

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

**Familiar**
Next, Vitest, Jest, React Testing Library, Node, Express MongoDB, Firebase, REST, GraphQL, Docker, 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*

## LANGUAGES

**Arabic** Native
**English** Fluent

**References upon request!**