

# 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.

## 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%.
- Introduced TypeScript into a JavaScript-only codebase, driving an incremental migration plan to enhance code maintainability and scalability.
- Implemented Sentry monitoring tool, decreasing issue resolution time.
- Identified code issues during reviews, reducing post-release bugs
- Main Stack: React, React Router, Redux Saga, Formik, Yup, Axios, React Intl, JavaScript, TypeScript, Material UI (MUI), Vite, Sentry, AmCharts, Syncfusion.

### 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: React, React Router, MobX, React Hook Form, Yup, Axios, TypeScript, Material UI (MUI), Chart.js.

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

*Oct 2021 - July 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: React, React Router, React Hook Form (Yup), Axios, I18next, TypeScript, Bootstrap.

## PROJECTS

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

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

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

- An e-commerce application featuring efficient state management and type safety.
- Main Stack: React Router, Redux Toolkit, React-Redux, TypeScript, Bootstrap, Vite

### **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 - Node, Express, MongoDB, Mongoose, EJS, Bootstrap, Passport

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[Portfolio/mazenadel19](https://portfolio.mazenadel19.com)

## 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*

## LANGUAGES

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

**References upon request!**