




Osama Mohamed Ammar


Frontend Engineer Giza, Egypt

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Work Experience

Full Stack Engineer (Full-time - MERN) @AimTechnologies

Jul 2022 - Present

aim technologies is a social media listening tool that works with large extensive data and Surveys that ensure that you can stay ahead of your competitors and increase your ROI.

- Worked on revamp social media listening tool using NX framework architecture.
- Handled the configuration and setup of the react app for the nx monorepo.
- Worked on multiple complex dashboards with various charts, such as line, bar, donut, pie, sunburst, complex line, complex bar, complex donut, Meter chart...etc.
- Implemented multiple components, custom hooks and handle public and private routes.
- Used redux-toolkit as state management
- Leveraged axios interceptors to manage the refresh token in the new tool.
- Refactored backend APIs logic and extractors for charts to be suitable for the new revamp.
- Collaborated on the creation of complex forms in the settings dashboards.
- Participated all sorts of agile/scrum ceremonies (userstory grooming, sprint planning, retrospective, etc).
- Exposed to code review, Git flow, code guidelines, and conventions.
- Worked on legacy code (react class component) maintaining old features.

Technologies and tools: React - TypeScript - Redux Toolkit - NodeJS - MongoDB - Express - Ant Design - REST APIs - BEM - Jenkins - MongoDB - Tailwind CSS - React Query - Apache Echarts - Zeplin - Jira - Figma - AdobeXD

Education

Bachelor of Computer Science

Culture and science city | 2017 -2021

Grade: Very good With Honors - Ranked 2nd - (Percentage: 83.24% - GPA: 3.3)

Technical Skills

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| <ul style="list-style-type: none">• HTML• CSS, SASS, PostCSS, Tailwind CSS• CSS Methodolgies• JavaScript, TypeScript• React, Next• NodeJs, MongoDB• State Management(Redux, Redux-toolkit)• React Query• Ant Design• Apache Echarts• NX Monorepo | <ul style="list-style-type: none">• Styled Components• Testing Automation (Cypress)• Familiarity with RESTful APIs• Module bundlers (Webpack - Vite)• UI Design (Figma - Adobe Xd - Zeplin)• DevOps (Jenkins)• Version control (Git & GitHub)• Semantic HTML and Web Accessibility.• Understand JavaScript Under The Hood.• Web Performance and Optimization.• Package Manager (NPM, YARN) |
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Projects

Graduation Project (ToBeHero) - Mentorship platform for kids | MERN | 2021

 [Link](#)

My Role:

- Built structure of react app and Built web components.
- Wrote custom hooks, handle public and private routes.
- Implemented payment process using stripe.
- Translate first page in Arabic (multiple languages)

Technologies and tools: React - Redux - Stripe Payment - Axios - SASS - WebRTC- WebSockets - MongoDB - Express - REST APIs - MongoDB - Figma - Slack -Trello -Discord

E-commerce Project

2021

Technologies and tools: React - Redux - Paypal Payment - Axios