

# Mohamed Esmat AbdElHafiz

Frontend Engineer

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Giza , King Faisal , El Tawabag

## Profile

Frontend Developer specializing in React.js and Next.js, with experience building real-time tracking systems, dynamic UIs, and scalable frontend architectures. Delivered production-ready features using tools like Redux Toolkit, React Query, and Tailwind CSS. Also mentored junior developers and contributed to performance optimization and clean, reusable component design—recently contributed to a real-time vehicle tracking platform using Leaflet.js and WebSockets..

## Professional Experience

06/2025 – Present Al Maadi - Giza	<b>Frontend Developer</b> <i>Startup Defenders</i> <ul style="list-style-type: none"><li>Built a real-time vehicle tracking dashboard using React.js and Leaflet.js, allowing clients to monitor fleet movements live, reducing response time by 30%.</li><li>Integrated WebSocket data streams to handle real-time location updates efficiently, enhancing the system's accuracy and responsiveness.</li><li>Collaborated with backend engineers to optimize data flow, improving frontend load speed in map rendering.</li><li>Developed reusable, responsive UI components with Tailwind CSS, accelerating feature development and reducing code duplication.</li></ul>
06/2025 – Present Al Dokki - Giza	<b>Frontend Mentor</b> <i>Instant Software Solutions</i> <ul style="list-style-type: none"><li>Mentored 35+ junior developers, improving their productivity and code quality through hands-on guidance and structured feedback.</li><li>Led code reviews and pair programming sessions, helping reduce frontend bugs by 50% across training projects.</li><li>Designed and updated mentorship materials with modern practices (React 19, Tailwind, Redux Toolkit), ensuring trainees were industry-ready.</li></ul>
09/2023 – 04/2024 Al Dokki - Giza	<b>Frontend Mentor</b> <i>Upskilling</i> <ul style="list-style-type: none"><li>Guided junior developers through real-world frontend challenges, helping them master React.js fundamentals and project workflows.</li><li>Led team-based bootcamp sprints, improving collaboration and code quality through Agile practices and regular retrospectives.</li><li>Updated learning materials with best practices in component architecture, debugging strategies, and state management tools.</li><li>Reduced onboarding time for new learners by 30% through improved documentation and hands-on support.</li></ul>
10/2022 – 01/2024 London - Remotely	<b>React Frontend Developer</b> <i>BytePixel Labs</i> <ul style="list-style-type: none"><li>Built and deployed responsive web interfaces using React.js, improving client satisfaction with faster, mobile-optimized delivery.</li><li>Contributed to system architecture planning and implemented scalable components, reducing frontend rework by 25%.</li><li>Collaborated with backend and design teams to ship complete, on-time features for 6+ client-facing applications.</li></ul>

02/2021 – 10/2021  
Al Bohoos - Giza

**Full Stack Developer Intern**  
*Route*

- Developed and tested RESTful APIs using Node.js, Express, and MongoDB, contributing to core backend features in cross-functional projects.
- Built user authentication logic using JWT, enhancing security and modularity of the web platform.
- Supported React-based frontend development, accelerating delivery of internal tools used by the operations team.
- Improved backend response performance by optimizing database queries and schema design.

10/2020 – 02/2021  
Al Dokki - Giza

**Frontend Developer Intern**  
*Reload*

- Developed responsive web applications using React.js, HTML, CSS, and jQuery.
- Focused on UI implementation and browser compatibility.
- Applied performance optimization techniques and adhered to coding best practices.

**Skills**

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**Languages & Markup**

HTML5, CSS3, JavaScript (ES6+), TypeScript

**State Management**

Redux & Redux Toolkit, Zustand, Context API

**Build Tools & Dev Workflow**

Vite, Webpack, Babel, npm, yarn, Git, GitHub, VS Code

**Soft Skills & Practices**

Agile/Scrum Methodologies, Code Reviews, Team Collaboration, Self-Learning, Mentorship & Communication

**Frameworks & Libraries**

React.js, Next.js, React Router, Tailwind CSS, Bootstrap, Material UI, shadcn/ui, Framer Motion

**APIs & Data Handling**

RESTful APIs, GraphQL, React Query (TanStack), Axios

**Performance & UX Optimization**

Code Splitting, Lazy Loading, Accessibility (a11y), Animations, Progressive Web Apps (PWA)

**Projects**

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**SingleClic E-Commerce Platform** [↗](#)

- Built a full-featured e-commerce app as part of a company assessment, implementing advanced product filtering, cart persistence, and Firebase-based user authentication. Emphasized clean architecture, reusable custom hooks, and state management best practices.
- **Tech Stack:** *React.js 19, Redux Toolkit, React Query (TanStack), React Router DOM, Tailwind CSS, Firebase, Axios, Vite*
- Demo [↗](#) | [GitHub](#) [↗](#)

**Contentful Projects Gallery** [↗](#)


- Developed a dynamic project portfolio connected to Contentful CMS. Enabled auto-deployment with webhooks and Netlify, advanced pagination, and professional UI/UX layout with modular styling.
- **Tech Stack:** *React.js, Contentful CMS, Tailwind CSS, Netlify, Webhooks, Vite.*
- Demo [↗](#) | [Github](#) [↗](#)

**Image Search App** [↗](#)

- Created a sleek image search interface using Unsplash API with advanced features like debounced search, pagination, theming, and optimized data fetching with React Query.
- **Tech Stack:** *React.js, React Query, Unsplash API, Netlify*
- Demo [↗](#) | [Github](#) [↗](#)

**Redux Toolkit Blog** [↗](#)

- Built a blog platform to showcase scalable Redux Toolkit patterns and efficient global state handling, with a clean UI and modular folder structure.
- **Tech Stack:** *React.js, Redux Toolkit*
- Demo [↗](#) | [Github](#) [↗](#)

Explore over 100+ code repositories on my [GitHub](#)  , including experiments, mini-apps, and full React projects.

## Education

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### Bachelor of Science in Computer Science

Cairo University, Faculty of Science - Graduated: 2023

Graduation Project: **AI-Powered Bidding Platform** — Egypt's first of its kind - Grade: Excellent

## Certificates

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|---|---|
| • React – The Complete Guide (incl. React Router & Redux) | • Complete React, Next.js & TypeScript Projects Course 2025 |
| • JavaScript – The Complete Guide (Beginner to Advanced)  | • Advanced CSS and Sass: Flexbox, Grid, Animations & More   |
| • Next.js 15 & React - The Complete Guide                 | • Build Responsive Real-World Websites with HTML and CSS    |

## Additional Information

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- Strong analytical thinking and debugging skills across modern frontend stacks.
- Excellent written and verbal communication in both **English** and **Arabic**.
- Fast learner with a proactive mindset and ability to adapt to new technologies.
- Actively contribute to personal and open-source projects on GitHub.