

Mahmoud Mohamed

FRONTEND ENGINEER

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📍 6th of October City, Egypt 🔗 Portfolio 🌐 LinkedIn 🔄 GitHub



Summary

Frontend Engineer specializing in delivering scalable, high-performance web applications with 2+ years of experience in e-commerce projects and telecom using React.js, Next.js, and TypeScript. I am Proficient in full-stack development (Node.js, Express.js, MongoDB) and skilled in leveraging modern technologies, including integrating AI tools to significantly enhance development workflows and efficiency. Proven ability to thrive in fast-paced startup settings.

Experience

Frontend Engineer, LAUNCH WORKZ 🔗 11/2023 – Present
In **LAUNCH WORKZ**, I worked on **e-commerce** and **telecom** projects Remotely

My role is :

- 1- developing and converting 100% of complex **Figma designs** into pixel-perfect, production-ready code using **React.js** and **Next.js**.
- 2- ensuring full cross-browser compatibility.
- 3- Accelerated seamless feature delivery by **collaborating closely with backend engineers on API integration**,
- 4- proactively reducing integration-related bugs through thorough testing and **communication**.
- 5- Proactively documented and resolved critical edge cases in product features, partnering with cross-functional teams to prevent high-impact production issues and maintain product quality.

Education

Bachelor's Degree in Computers and Artificial Intelligence, 2019 – 2023
SOHAG UNIVERSITY - (IT department)

- Department: Information Technology
- Grade: Very Good

Recent Projects

Rental Marketplace Web App (US), <https://app.directrent.com/> 11/2023 – Present

- Enhanced a web application for renting items in the United States using React, Redux Toolkit, and Redux Persist for efficient state management.
- Integrated multi-language support (i18next), interactive UI components (Swiper, MUI), and Stripe for secure payments.
- Implemented Google Maps for location-based searches, Google OAuth for authentication, and Sentry for error monitoring.
- Added features such as infinite scroll, social sharing (react-share), and dayjs for date management.
- Ensured a seamless user experience with Formik for form handling and react-icons for scalable UI elements.

Personal Portfolio with Content Management Dashboard,

2025 – 2025

<https://dev-mahmoud-portfolio.vercel.app/>

- Developed a comprehensive portfolio website to showcase work history, skills, education, projects, CV, and social media accounts.
- Built a backend system using Node.js, Express.js, and MongoDB to store and manage content, enabling easy updates through a custom dashboard.
- Integrated features like authentication (jsonwebtoken, bcryptjs), file uploads (multer), and security (cors, dotenv).
- Used Next.js and React.js for the frontend, with libraries like framer-motion for animations, react-hook-form and Zod for form validation, and clsx for dynamic class handling.
- Added email notifications (emailjs/nodejs), error monitoring (Sentry), and user feedback (react-toastify).
- Implemented pre-commit hooks (husky, pre-commit) to maintain code quality and streamline deployment.

World Chat Application, <https://world-chat-apps.vercel.app/>

2025 – 2025

- Built a full-stack real-time web chat application using WebSocket and Socket.IO to enable instant messaging, online/offline status, and typing indicators.
- Developed the frontend with Next.js 16, leveraging Server Actions, useActionState, and Zod for form handling and validation without external libraries.
- Created the backend with Node.js, Express, and MongoDB, using Mongoose for schema management and robust data modeling.
- Delivered a seamless chat experience with advanced real-time features, showcasing expertise in modern web development, real-time communication, and scalable data handling.

Skills & abilities

TECHNICAL SKILLS

- Front-End Development: HTML/HTML5, CSS/CSS3, SASS, JavaScript/ES6, Typescript, React.js, Next.js, Material-UI, Tailwind CSS, Bootstrap, DaisyUI.
- State Management: Redux, React Query, Zustand, Context API.
- Form Handling: Formik, React-Hook-Form, Zod, yup.
- Back-End Basics: Node.js, Express.js, MongoDB, REST APIs.
- Version Control: Git, GitHub.
- Performance Optimization: Lighthouse, Code Splitting, Lazy Loading.
- Deployment: Vercel, Netlify, CI/CD pipelines.

Soft Skills

Problem-Solving - Effective Communication - Team Collaboration - Creativity and Innovation - Strategic Planning and Organization - Quick Learning - Leadership and Decision-Making - Adaptability to Change - Time Management - Conflict Resolution

Languages

Arabic — Native/Bilingual

English — Proficient