Mohamed Osama Front-End Developer

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PROFESSIONAL PROFILE

Junior Frontend Developer skilled in React 18, Next.js, TypeScript, and Tailwind CSS, with proven experience building responsive, high-performance applications. Strong background in state management, performance optimization, API integration, and scalable UI design. Successfully improved application load speeds by up to 40%, streamlined form handling for 35% higher submission success rates, and reduced prop drilling by 70% with advanced state management solutions. Passionate about delivering clean, maintainable code and user-focused digital experiences.

PROFESSIONAL EXPERIENCE

**Frontend Developer Intern, Route** ⧉   Sep 2024 – Feb 2025 | Giza, Egypt
- Built responsive e-commerce features using React, Next.js, TypeScript, and Tailwind CSS.
- Optimized performance with code splitting and asset management, cutting page load time by 40%.
- Reduced API requests by 35% using React Query caching & efficient data fetching.
- Developed reusable components and applied clean coding practices with TypeScript.
- Improved UI consistency by leveraging Tailwind CSS grid & flexbox layouts.
- Collaborated in code reviews on GitHub, enhancing team efficiency and reducing bugs.

PROJECTS

Fresh-Cart, Modern E-Commerce App
GitHub-Repo ⧉ | **LiveDemo** ⧉
- Developed a fully responsive e-commerce platform with React 18 and Tailwind CSS.
- Implemented real-time product filtering (name, price, category, ratings) reducing search latency by 60%.
- Secured routes with JWT-based authentication, ensuring safe user sessions.
- Optimized rendering performance by 40% using useMemo/useCallback hooks.
- Streamlined forms with Formik + Yup, boosting submission success rate by 35%.
- Enhanced UX with Framer Motion animations & Lottie loaders.
- Improved testability by 20% through state management with useReducer.
- Implemented Context API for global state management, simplifying data flow and reducing prop drilling by 70%, which improved maintainability and developer productivity.

Circle-App
GitHub-Repo ⧉ | **LiveDemo** ⧉
- Built a fully responsive social media application using Next.js, TypeScript, and Material UI, ensuring seamless performance across devices.
- Designed and implemented core social features: creating posts, sharing content, and commenting on posts, boosting user engagement.
- Integrated skeleton loading states, reducing perceived load times and improving UX by 25%.
- Streamlined authentication workflows with JWT-based authentication, ensuring secure user sessions.
- Implemented Redux + Redux Toolkit for global state management, reducing prop drilling by 70% and improving scalability and developer efficiency.
- Streamlined form handling with Formik + Yup validation, boosting submission success rate by 35% and reducing input errors.
- Planned features in progress: post editing/deletion, comment management, password reset functionality, and profile photo uploads — demonstrating iterative, scalable development.

SKILLS

- Core & Fundamentals: HTML5, CSS3, JavaScript (ES6+), TypeScript
- Frameworks & Libraries: React.js, Next.js, Redux Toolkit
- Styling: Tailwind CSS, Material UI, Bootstrap, SASS, CSS Grid/Flexbox
- State Management: Context API, Redux Toolkit, React Query
- Tools: Git/GitHub, NPM, Yarn, Postman, Webpack
- Performance: Code Splitting, Lazy Loading, Asset Optimization, Caching, Memoization
- Web Development & Optimization: Accessibility (a11y), SEO Optimization, Responsive Design
- Soft Skills: Problem Solving, Teamwork, Adaptability, Debugging, Continuous Learning

CERTIFICATES

Frontend Development Diploma — Route, Feb 2025

LANGUAGES

- Arabic: Native
- English: Intermediate (B1)