

# Moamal Alaa

## Front-End Software Developer

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### SUMMARY

A Front-End React/Next.js Developer driven by curiosity, precision, and a constant desire to improve. I specialize in building fast, accessible, and pixel-perfect interfaces that feel natural to use. Every project I create reflects my focus on performance, responsiveness, and code quality, transforming complex ideas into seamless, engaging web experiences. I'm continuously learning modern tools and patterns to refine my craft and deliver work that I can truly be proud of.

### PROFESSIONAL EXPERIENCE

#### E-Commerce Web App

Dec 2024 - Oct 2024

- Architected a responsive e-commerce website from wireframe to deployment utilizing React, resulting in a 95+ performance score on Google PageSpeed Insights and a 15% boost in mobile conversion rate.
- Implemented advanced product navigation using Swiper sliders and dynamic product filters, improving product discoverability and user engagement by 35%.
- Managed global state with Redux Toolkit, reducing unnecessary re-renders by 25%
- Integrated internationalization (i18n) to support 7 languages, enhancing accessibility for a broader audience and improving user retention.
- Developed a Progressive Web App (PWA), enabling offline access and improving mobile UX
- Delivered pixel-perfect UI with full accessibility (WCAG 2.1 AA) and cross-browser compatibility across 5 major browsers.
- Optimized SEO and performance using lazy-loading and code-splitting, achieving a 95+ PageSpeed score and 1.2s load time on desktop.
- Built a reusable and scalable component architecture following React and SASS best practices, cutting development time for future modules
- Ensured SEO best practices, lazy-loading, and performance optimization for fast loading times.
- The project was featured as an educational reference on [CodeWithRandom](#) blog to help developers learn how to build a modern E-Commerce website.

#### Aster Information (Freelance Project)

Aug 2023 - Nov 2024

- Built and deployed a fully responsive single-page React website from scratch as a personal freelance showcase.
- Built the entire front-end of a fully responsive single-page website from scratch using React.
- Implemented smooth on-scroll animations and interactive UI components, enhancing user engagement and visual appeal.
- Achieved a perfect 100/100 score across all Lighthouse metrics (Performance, Accessibility, Best Practices, and SEO), with 0ms Total Blocking Time and 0.4s Largest Contentful Paint.
- Ensured pixel-perfect, fully accessible (WCAG 2.1 AA) and cross-browser design compatible with 5+ major browsers.
- Optimized bundle size and rendering pipeline using lazy-loading and code-splitting, resulting in a 0.5 s Speed Index.

## SKILLS & TOOLS

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HTML5 | CSS3/SASS | JavaScript ES6+ | TypeScript (Basic) | React.js | Next.js v15 | Framer-Motion  
React-Router-Dom v6 | Swiper | Redux/Toolkit | Zustand | Recoil | Git | GitHub Netlify | Vite | 118next  
Progressive Web App

## RELEVANT SKILLS

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- Troubleshooting web applications
- Basic understanding of UI/UX
- Pixel perfect design
- Responsive design
- Web performance optimization
- Search engine optimization (SEO)
- Clean code principles
- Cross-browser compatibility
- Attention to details
- Performance testing and debugging

## LANGUAGE

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- **Arabic** - Native language
- **English** - Proficient in writing, limited in speaking

## PERSONAL NOTE

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I'm most productive in work environments that emphasize clear written communication, well-defined tasks, and minimal live meetings. This allows me to stay focused and deliver high-quality front-end solutions efficiently. I value deep work, attention to detail, and consistency in improving UI/UX and code quality. I'm looking for a role where I can contribute meaningfully while working in a calm and structured setting that supports async collaboration.