

Moamal Alaa

Front-End Engineer & Open-Source Contributor focused on building accessible, high-performance, and engaging digital experiences.

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PROFESSIONAL EXPERIENCE

Jumpers Heaven Stats (Gaming Analytics Platform)

Nov 2024 - Present

- Architected and developed the entire front-end of a production-grade gaming analytics platform, serving real-time statistics for multiple servers across Call of Duty titles.
- Engineered high-performance data fetching and caching pipelines using MessagePack serialization and LZ-String compression to efficiently handle large-scale concurrent datasets.
- Implemented interactive leaderboards and deep analytical views for players, maps, and servers with dedicated dynamic routing and instant search/filtering.
- Integrated internationalization (i18n) to support 7 languages, enhancing accessibility for a broader audience and improving user retention.
- Managed complex global application state using Redux Toolkit, minimizing unnecessary re-renders and ensuring high responsiveness under heavy data loads.
- Built a scalable, modular component architecture from scratch following modern React/Next.js best practices and structured Sass (CSS Modules) without reliance on utility frameworks.
- Optimized core web vitals and overall performance, leveraging asset lazy-loading, GPU hardware-accelerated animations, and semantic WCAG-compliant HTML for maximum accessibility.
- Implemented custom client-side caching strategies to ensure seamless layout stability, transitions, and near-instant load times across all entities.

E-Commerce Web App

Dec 2023 - Oct 2024

- The project was featured as an educational reference on [CodeWithRandom](#) blog to help developers learn how to build a modern E-Commerce website.
- Built the entire front-end of a fully responsive E-Commerce website from scratch.
- Implemented advanced product navigation using Swiper sliders and dynamic product filters.
- Managed global state with Redux Toolkit, optimizing performance and reducing re-renders.
- Integrated internationalization (i18n) to support multiple languages.
- Developed a Progressive Web App (PWA) to enable offline access and a mobile-like experience.
- Focused on pixel-perfect design, accessibility, and cross-browser compatibility.
- Ensured SEO best practices, lazy-loading, and performance optimization for fast loading times.
- Built reusable, clean, and scalable components following React best practices and modern CSS/SASS techniques.

PROGRAMMING LANGUAGES & LIBRARIES

HTML5 | CSS3/SASS | JavaScript ES6+ | TypeScript (Basic) | React.js | Next.js | Astro
React-Router-Dom | Framer-Motion | Swiper | Redux/Toolkit | Zustand | Recoil | Git | GitHub
Vite | I18next | Progressive Web App (PWA) | Socket.IO | MessagePack | LZ String

RELEVANT SKILLS

- Open-Source Contribution & Code Review
- Troubleshooting web applications
- Performance testing and debugging
- Web performance optimization
- Component refactoring & modular architecture
- Responsive & pixel-perfect design
- Cross-browser compatibility
- Search engine optimization (SEO)
- Clean code principles & attention to detail
- Web accessibility (WCAG compliance)

LANGUAGE

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

PERSONAL NOTE

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 consistent improvements in UI/UX and code quality. I'm looking for a role where I can contribute meaningfully in a calm, structured setting that supports async collaboration.