

Osama mohammed

Front-End Developer




✉ osama.mohammed.work1@gmail.com 📞 +966 56 847 6967 📍 Saudi Arabia, Jeddah

🌐 <https://github.com/OsamaFed>








PROFILE

Front-End Developer specializing in React and Next.js, with a track record of improving Core Web Vitals through code splitting, lazy loading, and component-level optimization. I think in systems — building WCAG-compliant, reusable UI libraries with TypeScript, Tailwind CSS, and shadcn/ui that stay consistent, accessible, and fast at scale. Familiar with backend basics (REST APIs, Node.js) — enough to bridge the gap between front and back end without losing context.

PROJECTS

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|--|-------------------|
| StarlightQuran
<i>Your Complete Islamic Companion — Quran, Adhkar & Duas in One Place</i>
Built with Next.js and React, featuring audio, tafsir, Adhkar, and Duas. Custom API layer with dedicated routes, ISR and in-memory caching to reduce redundant calls. Clean, reusable components with lazy loading and code splitting for optimal performance. | 01/2026 – 02/2026 |
| NasaExpo 
<i>Exploring the Universe Through Data — My First Full-Stack Project</i>
First full-stack app built with Next.js with custom API routes serving paginated exoplanet records and filter options from a CSV dataset. Server-side caching for fast responses with reusable, modular components and clean separation between data layer and UI. | 11/2025 – 11/2025 |
| CortexGarden 
<i>Cortexgarden is a web platform featuring quizzes in different categories, built with Next.js for modular design and smooth app routing</i>
Cognitive games platform built with Next.js and Redux Toolkit. Custom server-side API route for dynamic math question generation with local caching, alongside an external trivia API integration. Reusable game components with centralized state and a responsive, theme-aware UI. | 10/2025 – 11/2025 |
| StellarMirror 
<i>Compare the Universe, One Date at a Time</i>
A vanilla JavaScript web app that integrates the NASA APOD API to fetch and compare space photos from any two dates side by side. Built with clean, modular JS and focused on a smooth, responsive UI with image download support. | 07/2025 – 07/2025 |

SKILLS

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| Core Web Technologies 
HTML, CSS, JavaScript, TypeScript | Frameworks & Libraries 
React.js, Next.js, Tailwind CSS, shadcn/ui, Framer Motion, GSAP |
| State Management 
Redux Toolkit, Zustand, Context API | Performance & Accessibility 
Core Web Vitals, Lazy Loading, Code Splitting, WCAG, ARIA |
| API & Data Fetching 
REST APIs, Next.js API Routes, Caching Strategies, ISR | Developer Tooling 
Git, GitHub, ESLint, CSS Modules, Python (Basics) |
| Soft Skills 
Communication, Problem Solving, Time Management, Teamwork | |

LANGUAGES

Arabic  English 