KHALED HAJIJ

FRONTEND ENGINEER | REACT · NEXT.JS · TYPESCRIPT · AI INTEGRATIONS

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LinkedIn Profile • Portfolio & Case Studies

PROFESSIONAL PROFILE

Frontend Engineer with 3+ years of professional experience delivering React, Next.js, and TypeScript applications for enterprise, SaaS, education, and analytics products. Strong in frontend architecture, reusable UI systems, complex asynchronous workflows, real-time integrations, and multilingual RTL/LTR experiences. Hands-on experience connecting AI-powered capabilities to production interfaces and implementing validated agent-to-CMS workflows with human review.

TECHNICAL SKILLS

Complete Skills on Portfolio

Frontend React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Sass, Tailwind CSS, Material UI, Bootstrap, Vite

Architecture & State Nx monorepos, reusable UI components, TanStack Query, React Hook Form, ESLint

APIs & Real-Time REST, GraphQL/Hasura, Socket.IO, browser audio, asynchronous workflows

CMS, i18n & SEO Directus, next-intl, i18next, RTL/LTR, technical SEO

AI Integrations Hermes Agent workflows, Zod validation, structured data, human-in-the-loop review

Tooling & Visualization Git, Vercel, D3 Geo, GeoJSON, analytics dashboards

PROFESSIONAL EXPERIENCE

React / Next.js Developer | Misraj Technologies

Jul 2023 – Present

- Contributed to frontend delivery across 10+ projects, including learning platforms, administration dashboards, enterprise applications, and CMS-driven websites.
- Built maintainable React / Next.js interfaces with reusable components, responsive layouts, multilingual Arabic/English support, and RTL/LTR behavior.
- Integrated REST and GraphQL services, headless CMS data, real-time events, and long-running asynchronous operations with robust loading, error, and recovery states.
- On Univerta, resolved Nx dependency cycles and added custom ESLint module boundaries; a controlled team-run Lighthouse desktop test measured an improvement from 78 to 92.
- Implemented real-time, browser-based recitation features with audio processing, session synchronization, and resilient error handling.

React Developer | FMS Tech

Jan 2023 – Jul 2023

- Developed and maintained React frontend features for RigMove, a logistics and fleet-management product serving organizations in the Gulf oil sector.
- Worked with the engineering team to troubleshoot defects, preserve business workflows, and deliver improvements within an established application.

SELECTED PROJECTS

Linked project titles open their portfolio case studies.

Mushaf Eqrra AI-Assisted Recitation | Next.js · Socket.IO · Browser Audio

- Implemented live recitation experiences with browser audio processing, Socket.IO session transport, and verse-level synchronization between audio, feedback, and UI state.
- Handled microphone permissions, network interruptions, timeouts, and session recovery while supporting a localized interface across six languages.

Univerta Learning Platform | React · Nx Monorepo · ESLint

- Diagnosed circular Nx dependencies affecting hot reload and strengthened library boundaries with custom ESLint rules.
- Built and maintained frontend features in an LMS supporting live-streamed lectures and shared application modules.

Bab al-Sham Multilingual Platform | Next.js · Directus · D3 Geo

- Independently developed the frontend and Directus content model, including CMS permissions, bilingual routing, multilingual SEO, and content-driven pages.
- Implemented an interactive D3 Geo / GeoJSON map with URL-synchronized filters for navigable, shareable geographic views.

Adam Radar Analytics Platform | React · Dashboards · Async Reporting

- Built dynamic dashboards for institutional data aggregated from social platforms, including filtering, pagination, and configurable CSV exports.
- Implemented long-running report interactions with status polling, cancellation, progress feedback, and recovery states.

Mutoon Admin Education Admin | React · GraphQL/Hasura · Socket.IO

- Developed administration workflows and reusable UI for educational content, sessions, permissions, and operational management.
- Integrated GraphQL/Hasura-backed operations and live attendance updates over Socket.IO alongside interactive session workflows.

Nova - AI Automation Integration TypeScript · Hermes Agent · Zod · Directus

- Built an AI-to-CMS integration that processes agent-produced content through TypeScript/Zod validation, deduplication, and structured transformation before creating Directus drafts.
- Designed a review-first workflow that retains editorial control instead of automatically publishing generated content.

EDUCATION & CERTIFICATIONS

Bachelor of Information Technology | Syrian Virtual University (SVU) | 2023 - Present (in progress)

Meta Front-End Developer Professional Certificate | Coursera | Feb 2023

JavaScript Algorithms and Data Structures | freeCodeCamp | Jun 2022

LANGUAGES

Arabic (Native) | English (Conversational)