Mahmoud Mohamed

Frontend Developer | React.js & Next.js

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Professional Summary

Frontend Engineer specializing in React.js and Next.js with experience building scalable, responsive, and user-focused web applications. Skilled in developing complex interfaces, managing application state, integrating APIs, and delivering high-performance production systems. Strong focus on clean architecture, maintainable code, and seamless user experience across modern web platforms.

Experience

Frontend Next.js | SoftKhana | Ontario, Canada (Part-time Remote) **Dec 2025 - Present**

- Building data-heavy web apps, especially dashboards and portals. My work centers on healthcare admin and doctor portals with role-based access control (RBAC), including doctors, assistants, and patients.
- I implement permission matrices for modules like appointments, schedules, offers, loyalty programs, and financial policies.
- I design and build KPI dashboards with charts, large tables with filters/search/pagination, patient management flows, billing views, and printable invoice templates. I focus on scalable architecture with reusable UI components, consistent state management, and fast data fetching using React Query.
- I build bilingual experiences with next-intl and URL-driven filters using nuqs. My stack includes Next.js, React, TypeScript, Tailwind CSS, and Recharts.

Frontend Next.js | Anasco International Group | Cairo Egypt **Nov 2025 – Present**

- Developing scalable, role-based web applications with a focus on clean architecture, secure access control, and high-quality user experience.
- I contribute to building modular dashboards and management systems that support multiple user roles, advanced data handling, and analytics-driven views.
- My work emphasizes maintainable UI systems, consistent state management, and efficient client-server communication.
- I also help deliver bilingual, locale-aware experiences with structured routing, internationalization, and accessibility in mind.

Frontend React.js Next.js | Madmon.ai | Cairo Egypt **Dec 2024 – May 2025**

- Built a modern website and interactive dashboard using Next.js, React.js, and TypeScript.
- Used MUI, ShadCN, Tailwind CSS, and React Query to create responsive and consistent UIs.
- Focused on performance optimization, accessibility, and cross-device responsiveness.
- Collaborated with cross-functional teams to deliver high-quality, scalable solutions.

Kalbonyan Elmarsos Internship | GitHub **Summer 2022**

- 200+ hours of hands-on training in full-stack development and cloud deployment.
- Built projects using React.js, Node.js, HTML/CSS, and JavaScript.
- Practiced Git/GitHub, API integration, and responsive UI design.
- Learned core CS topics: OOP, algorithms, data structures, design patterns, and databases.

Skills

Frontend: React.js, Next.js, TypeScript, Tailwind CSS, Redux, React Query
Backend: Express.js, MongoDB, Firebase, Supabase, Prisma
Tools: Git, GitHub, Figma, Stripe, SEO

Personal Projects

- **ZeroGPT - AI Content Detection Platform.** https://zerogpt.net
  - Built a multilingual AI content detector that identifies text generated by ChatGPT, Gemini, DeepSeek, Claude, and other AI models with real-time results.
  - Implemented flexible input workflows for pasted text and uploaded files, with highlighted AI-generated content and clear detection reports.
  - Designed a developer API with key management, rate limiting, and integration documentation for third-party apps.
  - **Tech Stack:** Next.js, React, Bootstrap, Multilingual Routing, API Integration, SEO Metadata.
- **Hatrek - Arabic News Publishing Platform.** https://hatrek.co
  - Built an Arabic-first news platform covering sports and general news with responsive category feeds, article cards, and editorial navigation.
  - Structured homepage sections for latest news, most-read stories, and content discovery with a clean newsroom-style reading experience.
  - Optimized SEO with rich metadata, social previews, and structured data to improve discoverability and publishing quality.
  - **Tech Stack:** Next.js, React, Responsive UI, SEO Metadata, Structured Data, CDN Media Delivery.
- **AI Homework Helper - AI Study Assistant Platform.** https://aihomeworkhelper.net
  - Developed an AI homework assistant that accepts typed questions and file uploads, then returns fast step-by-step answers across multiple subjects.
  - Built multilingual flows, subject selection, pricing pages, and upload-first UX around instant AI explanations for students.
  - **Tech Stack:** Next.js, React, Mantine UI, Tailwind CSS, File Uploads, Multilingual Routing, Responsive UI.
- **NoteGPT Pro - AI Study Tools Platform.** https://notegptpro.com
  - Built a multilingual AI learning platform with YouTube summarization, transcript generation, homework assistance, math solving, and AI content detection.
  - Created dedicated tools for transcript downloads, subtitles, AI chat, text-to-speech, AI humanization, physics, chemistry, and answer generation.
  - Delivered responsive English and Arabic experiences with pricing, account management, SEO-focused landing pages, and clear tool navigation.
  - **Tech Stack:** Next.js, React, Tailwind CSS, Radix UI, Multilingual Routing, SEO Metadata, Responsive UI.

Education

Bachelor's Degree in Computer Science **Oct 2020 – Jun 2024**
Zagazig University, Egypt
Faculty of Science, Computer Science Department