

Yusuf Hamed Mahran

Frontend Engineer

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About

Frontend Developer with more than 3 years of experience developing scalable, high-performance web applications built using React.js, Next.js, and TypeScript. Demonstrated success in delivering 20+ projects that resulted in measurable improvements in speed (up to 40%), user engagement (+25%), and SEO performance (+30%). Strong collaborator in hybrid and remote working environments, optimized frontend architecture, and delivered solutions in partnership with international clients to achieve business objectives.

Experience

Frontend Engineer II (freelance)

03/2026 – present

Freelancer

Remote

- Architecting scalable, SEO-optimized frontend systems using Next.js and TypeScript.
- Implementing high-performance UI components with Tailwind CSS and GSAP for interactive storytelling.
- Applying MIS principles to bridge technical execution with business logic and user-centric product goals.
- Optimizing web performance and Core Web Vitals to ensure industry-leading speed and accessibility.
- Collaborating with international stakeholders in Europe and MENA to deliver clean, maintainable codebases.

Frontend Engineer II

09/2024 – 03/2026

EnergyAI Berlin | full-time

Germany / Remote

- Created and kept up 5 AI-driven web applications in energy analytics using React.js, Next.js, TypeScript, and TailwindCSS.
- Integrated Supabase and Firebase for real-time data handling, authentication and analytics - resulting in a 40% increase in data sync efficiency.
- Created modular, reusable component systems with MUI, which led to a 25% time reduction to develop UI.
- Worked alongside backend and data science teams to create AI-powered dashboards and visualizations to help clients with their decision making processes.
- Optimized rendering and performance across apps, resulting in an average 35% improvement in load time and 90+ scores in Lighthouse.

Frontend Web Developer

02/2024 – 06/2024

Finding From Egypt | full-time

Alexandria, Egypt

- Converted Figma designs to reusable Next.js markup components, enhancing element consistency across multiple pages by 30%.
- Drove a 15% lower bounce rate and 25% more engagement through a focus on design and performance.
- Increased overall page load speed by 20% through image optimization and code-splitting practices.
- Collaboration with design and backend teams was productive in a hybrid working environment.

Javascript Developer

02/2023 – 02/2024

Mostaql.com | freelance

Remote

- Developed interactive online menus and responsive portfolios, contributing to a 30% increase in client inquiries.
- Integrated REST APIs and CMS systems, cutting delivery time by 40%.
- Delivered custom, SEO-optimized landing pages tailored for small businesses and startups

Projects

Athlete AI System (Medical Dashboard)

03/2026 – Present

Next.js | Supabase | Tailwind CSS | Role-Based Access Control (RBAC)

- Engineered a multi-role system (Manager, Doctor, Patient) with secure Role-Based Access Control.
- Developed a dynamic clinician-to-patient exercise assignment and real-time monitoring engine.
- Built a custom authenticated UI that adapts views based on user permissions and organization data.

Full-Stack E-Commerce Platform (Bookstore)

12/2024 – 01/2025

MERN Stack (MongoDB, Express, React, Node.js) | JWT Authentication

- Implemented a full-cycle e-commerce flow with secure JWT authentication and persistent data.
- Architected a RESTful API to manage product catalogs, user carts, and "Favorites" synchronization.
- Developed a responsive frontend focused on seamless state management and optimized checkout flows.

Education

React Development Diploma

06/2024 – 12/2024

Digital Egypt Pioneers Initiative (DEPI)

Egypt / Hybrid

- Strengthened expertise in React ecosystem, Next.js, and frontend deployment best practices

Frontend Development Diploma

10/2023 – 06/2024

Almdrasa.com

Egypt / Remote

- Completed 20+ real-world projects in React.js and Next.js.
- Collaborated with remote teams under Agile workflows, refining problem-solving and debugging skills

Bachelor of Management Information Systems (MIS)

10/2020 – 06/2024

Alexandria University

Alexandria, Egypt

GPA: 3.2

- Completed 7 computer science projects, integrating business logic into technical applications.
- Organized student-led events, demonstrating teamwork and leadership

Core Skills

Frontend — Proficient

React.js, Next.js, TypeScript, JavaScript (ES6+), TailwindCSS

Optimization — Proficient

Performance Tuning, SEO, SSR/SSG, Lazy Loading, Caching

UI/UX — Proficient

Responsive Design, Accessibility, Figma to Code

Collaboration — Competent

Git, GitHub, Agile/Scrum, Cross-functional teamwork

Integration — Expert

REST APIs, CMS, Authentication Flows

Languages

English

Proficient

Arabic

Mother Tongue