

Tarek Mohamed Wfa

Junior Software Engineer

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PROFESSIONAL SUMMARY

Front-End Developer with 1.5+ years of experience building high-performance, SEO-optimized web applications using Next.js, React, and TypeScript. Adept at creating responsive, intuitive user interfaces with a strong focus on UX/UI best practices. Completed 300+ LeetCode challenges, demonstrating a solid grasp of Data Structures & Algorithms. Delivered 5+ production-ready projects leveraging SSR and SSG to improve performance. Practicing Test-Driven Development (TDD), Clean Code principles, and modern web standards.

PROFESSIONAL EXPERIENCE

Fullstack developer, Freelancing, Remote

Chronos E-commerce Platform

- Developed a responsive e-commerce site for a luxury watch startup with 1,000+ monthly users.
- Built with Next.js, TypeScript, and Supabase; implemented product filtering, secure payments (Fawry & COD), and a cinematic 3D hero section.
- Achieved a 20% Lighthouse performance boost via optimized SSR and image strategies.
- Integrated guest checkout and optional authentication for saved carts.

Basma: Islamic Marriage Web App (In Progress)

- Currently in the planning phase for a matchmaking platform tailored for the Islamic community.
- Personally selected the tech stack to support scalability and modern web standards.
- Planned stack: Svelte (client), Svelte Query (API), Svelte Forms + Zod (forms/validation), Flowbite (UI), Hono (server), BetterAuth (auth), Drizzle (ORM), TanStack (table), PostgreSQL (DB), Polar (payments), Bun (monorepo), Biome (tooling), deployed via Cloudflare/Netlify.

Open-Source Projects, Remote

OSS Contribution to NPM: Improved `scripts.md` documentation (PR addressing #8305) to clarify working directory behavior in npm v7+, detailing script execution nuances and adding historical context.

- **Skills:** JavaScript, Node.js, Technical Writing, Git
- **Impact:** Enhanced documentation clarity for developers upgrading from older versions, reducing migration friction.

OSS Contribution to LiveCodes: Authored comprehensive HTML language documentation (PR #822), comprising 3 commits and +66 lines of code.

- **Skills:** HTML, Documentation, Git, Open-Source Collaboration
- **Impact:** Strengthened project resources, making it easier for the community to adopt and understand HTML features within the platform.

SIDE PROJECTS

E-commerce App, [Link](#)

- Engineered a **dynamic e-commerce platform** with seamless checkout and payment processing via **Stripe**. Achieved a **90/100 Lighthouse SEO score**, optimizing product discoverability. Processed **100+ mock orders**, testing scalability and real-world transaction handling. Integrated **Supabase for database management** and real-time product updates.

Admin Dashboard, [Link](#)

- **Tech Stack:** React.js, Material-UI, Nivo Charts, React Query.
Impact: Built **interactive data visualizations** using **Nivo Charts**, making analytics more accessible. Integrated **React Query** for efficient **real-time data fetching** and caching. Designed an intuitive **Material-UI interface** for seamless navigation.

Nutrient Tracker, [Link](#)

- **Tech Stack:** Next.js, React, Three.js, Clerk, Tailwind CSS, Shaden UI
 - leveraged **App Router** for optimized routing and navigation.
 - Used **Server-Side Rendering (SSR)** for secure, auth-sensitive components.
 - Implemented **Incremental Static Regeneration (ISR)** for real-time dashboard updates.
 - Developed **API Routes** for accurate nutrient analysis and meal tracking.
- **Impact:**
 - Achieved **75% user engagement boost** with **immersive 3D visualizations** using Three.js.
 - Optimized performance to **95/100 Lighthouse score** with Next.js caching strategies.
 - Enhanced **authentication security & UX** with **Clerk integration**.

Personal Portfolio, [Link](#)

- **Tech Stack:** React.js, Tailwind CSS, Framer Motion.
Impact: Implemented **Static Site Generation (SSG)** for fast-loading blog content. Utilized **Next.js Image Optimization** to achieve a **98/100 Performance score** on Lighthouse.

- Designed a sleek and interactive UI with **Framer Motion animations** for enhanced UX.

Landing Page, [Link](#)

- Tech Stack:** React.js, Tailwind CSS
Impact: Designed and developed a modern, responsive landing page with clean, minimalistic UI and intuitive layout. Focused on **responsive design** for seamless performance across devices. Implemented **interactive UI components** and optimized **Lighthouse performance score** to enhance user experience and accessibility.

CERTIFICATIONS

Responsive Web Design Certification (freeCodeCamp), freeCodeCamp **Nov 2024**

Gained expertise in HTML, CSS, and responsive design principles to create user-friendly, accessible, and mobile-responsive **web applications** and **interfaces**.

JavaScript Algorithms and Data Structures Certification (freeCodeCamp), freeCodeCamp **Nov 2024**

Mastered JavaScript fundamentals, algorithms, and data structures (stacks, queues, binary trees), enhancing problem-solving skills for real-world development challenges.

SKILLS

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|-------------------------|--|
| Languages & Markup | : HTML5, CSS3, JavaScript (ES6+), TypeScript |
| Frameworks & Libraries | : React, Next.js (SSR/SSG/ISR), Redux Toolkit, React Query |
| Testing | : Jest, React Testing Library, Test-Driven Development (TDD) |
| Version Control & Tools | : Git, GitHub, REST APIs, Agile, Scrum, GitHub Actions, Supabase, Stripe, Vercel |
| Problem Solving | : SEO Optimization, Performance Budgeting, SOLID Principles, DSA |
| UX & Design | : Responsive Design, User Experience (UX) best practices |

EDUCATION

October 6 University, Giza - Bachelor's , Medicine **Oct 2023 — 2028**

While pursuing my medical degree, I have independently honed my skills in **front-end development**, focusing on building high-performance **web applications** and intuitive **interfaces**.

Completed multiple hands-on projects in React and Next.js, emphasizing **User Experience (UX)**, **User Interface (UI)** design, and performance optimization.