

MAHMOUD SAEED

Software Engineer | Frontend Engineer | React, Next.js & SvelteKit

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SUMMARY

Software Engineer and Frontend Developer with 3+ years delivering high-performance web applications using **React**, **Next.js**, **SvelteKit**, and **TypeScript**, with working experience in Node.js/Express. Builds interactive, 360-degree-integrated platforms with bilingual RTL/LTR interfaces, backed by scalable ERP systems and e-commerce platforms, plus payment integrations (Stripe, Paymob, EasyKash). Delivered 15+ production platforms across HR tech, real estate, e-commerce, and EdTech, with a strong focus on **performance optimization** and **SEO optimization**, consistently achieving 95+ Lighthouse scores in Performance, Accessibility, and SEO.

WORK EXPERIENCE

Software Engineer

Jan 2026 – Present

Awali

- Engineering full-stack features for an interactive real estate platform – map exploration, floor-plan views, and 360-degree tours – with SvelteKit 2, Svelte 5, and TypeScript, backed by Node.js/Express/MongoDB.
- Delivering Arabic/English RTL/LTR UX with granular filtering, plus an AI-powered property consultant chatbot that answers investor and buyer inquiries and recommends suitable units.
- Optimizing performance across the full stack, achieving Lighthouse scores of 99% Performance, 100 Accessibility, 95% Best Practices, and 100% SEO (LCP 2.18s, CLS 0.000, TBT 44ms).

Software Engineer

Apr 2025 – Dec 2025

HrfoushVision

- Worked on building an ERP system covering HR, financial, and operations modules – employee management, attendance tracking, shift scheduling, payroll, and financial reporting.
- Implemented a filtering system handling 5,000+ records with sub-200ms query response times using debounced inputs and URL state persistence.
- Created a reusable component library with 50+ Radix UI components, reducing admin workload by 40% and speeding up feature development by 30%.

Frontend Developer

Nov 2022 – Mar 2025

Section-F

- Engineered multiple e-commerce websites with persistent carts, favorites systems, and WhatsApp API integrations for mobile-first shopping.
- Architected scalable React Context state management supporting 80+ modular components, with synchronized localStorage cart persistence.
- Implemented comprehensive Jasmine testing suites to ensure reliability and consistency across deliverables.

Frontend Instructor

Aug 2023 – Oct 2023

ICode – Alexandria University

- Designed and delivered a frontend development curriculum for 100+ learners, covering HTML, CSS, JavaScript, and React through hands-on labs.
- Mentored capstone projects through code reviews while coordinating a team of 4 instructors.

EDUCATION

Bachelor of Science in Computer Science

Oct 2021 – Jun 2025

Alexandria University

GPA: 3.71/4.0 (Excellent with Honors)

- **Graduation Project:** AI Mock Interview Platform – Excellent Rating
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Software Engineering, Database Systems & SQL, Operating Systems, Computer Networks, Artificial Intelligence, Human-Computer Interaction (HCI)

TECHNICAL SKILLS

Frontend & UI: React.js, Next.js, SvelteKit, Svelte, TypeScript, JavaScript ES6+, Redux Toolkit, Zustand, React Query, Tailwind CSS, Framer Motion, GSAP, Three.js
Backend & Integrations: Node.js, Express.js, REST APIs, MongoDB, Supabase, Strapi CMS, Axios, React Hook Form, Zod Validation
Payment Systems: Stripe, Paymob, EasyKash (Egyptian Local Payments)
Testing & Performance: Jasmine, Jest, Lighthouse Optimization, Web Vitals
AI-Assisted Development: GitHub Copilot, Antigravity, MCP (Model Context Protocol) Servers, Custom AI System Prompts, Prompt Engineering
Tools & Practices: Git, GitHub, Vite, ESLint, Responsive Design, RTL/i18n

PROJECTS

Awali Interactive Real Estate Platform awali-production.vercel.app
SvelteKit 2, Svelte 5, TypeScript, Tailwind CSS 4, SVG Animations

- Delivered a complete digital real estate experience with interactive maps, hover-activated compound interactions, and 360-degree panoramic views.
- Designed a circular radial filter for services and landmarks with Arabic/English RTL support, plus an AI chatbot that recommends suitable units to buyers and investors.
- Shipped a production-grade platform with top-tier Core Web Vitals – sub-2.2s load time and near-perfect Lighthouse scores across Performance, Accessibility, and SEO.

ProSkill Marketplace proskillagency.com
Next.js 16, React 19, Supabase, Stripe SDK, EasyKash, TanStack Query, Zod

- Launched a full-stack digital services marketplace (software subscriptions + career services) with Arabic/English RTL UI, Google OAuth, and dual payment processing (Stripe USD + EasyKash EGP) via HMAC-verified webhooks.
- Created a companion admin dashboard for catalog, inventory, and subscription lifecycle management, with Stripe-synced promotions, multi-period revenue analytics, and a CRM.

RaiseUp Learning Platform raiseuplearn.com
Next.js, Zustand, React Query, Paymob, NextAuth

- Delivered a bilingual EdTech platform with geolocation-aware payment routing (Stripe/Paymob), Google OAuth, OTP-based multi-factor authentication, and a certificate system with PDF export and verification.
- Localized the platform with full RTL support (60KB+/78KB+ EN/AR translations) and rolled out a companion admin dashboard with 30+ REST endpoints and role-based access control.

Kayanova Agency kayanovagency.com
Next.js, Three.js, GSAP, Framer Motion

- Engineered a GPU-accelerated 3D hero section with Three.js, GSAP, and Framer Motion, featuring extruded 3D typography, parallax mouse tracking, and floating-particle animations.
- Shipped an Arabic/English AI-powered chatbot for customer engagement alongside an 18-project interactive portfolio showcase with real-time filtering and detailed case studies.
- Established enterprise-grade SEO (JSON-LD structured data, automated sitemap generation, bilingual metadata) and speed optimizations including code splitting, lazy loading, and Web Vitals monitoring.

LANGUAGES

Arabic – Native | **English** – Professional Working Proficiency