

Michael Khalaf Gerges

Frontend Developer (react.js)

+20 127 455 0956 - Date of birth: 11/4/2002 – exempt from Military - Nasr City/Cairo

maikelkhalaf100@gmail.com - www.linkedin.com/in/michael-khalaf-48969319a -

<https://github.com/MichaelkhalafG>

SUMMARY

Passionate Front-End Developer with 4+ years of experience specializing in React.js, responsive design, and performance optimization. Holding a degree in Computer Science & Artificial Intelligence, I blend technical expertise with a problem-solving mindset to build scalable, user-friendly, and high-performance web applications.

I am proficient in JavaScript (ES6+), Redux, Context API, Git, and SEO best practices, I have successfully delivered custom solutions for diverse clients, ensuring seamless user experiences across devices. Dedicated to continuous learning and staying ahead of industry trends, I thrive in dynamic, collaborative environments.

TECHNICAL SKILLS

HTML5 - CSS3 - JavaScript (ES6+) - TypeScript - React.js - Next.js - React Query - Bootstrap - React Bootstrap - Tailwind CSS - RESTful APIs - Database - MySQL - Axios - Git & GitHub/GitLab - Webpack - Vite - Core Web Vitals Optimization - ServerSide Rendering (SSR) - Static Site Generation (SSG) - Code Splitting - Lazy Loading - Tree Shaking - Image Optimization (Next.js Image, WebP) - Caching Strategies - Authentication - SASS/SCSS - CSS Modules - Cypress -- Chrome DevTools - CrossBrowser Compatibility - Progressive Web Apps (PWA) - Mobile Performance Optimization - Agile & Scrum Methodologies - Accessibility (WCAG, ARIA) - Design Systems (Figma, Adobe XD) - ProblemSolving & Debugging - Effective Communication & Team Collaboration - Fast Learning & Adaptability

PROJECTS

Watchizer:

A fully functional and feature-rich e-commerce platform designed for selling premium watches, leather wallets, and bags from renowned international brands. The website offers a seamless shopping experience with a modern, responsive design, intuitive navigation, and secure payment integration. Optimized for performance, accessibility, and SEO, ensuring a smooth user experience across all devices.

Hosting link: <https://www.watchizereg.com>

Hephzibah:

A comprehensive e-commerce platform for renting occasion dresses, designed to simplify the dress selection process. The website allows users to input their measurements for personalized recommendations and showcases a wide range of rentable dresses. It features a seamless booking system, an intuitive user interface, and direct communication with the support team for assistance. Optimized for performance, accessibility, and mobile responsiveness to ensure a smooth and engaging user experience

Hosting link: <https://hephzibaheg.com>

Eye kemet:

A website showcasing unique products made from eye iris images, including chains, bracelets, earrings, and various other accessories. The platform is designed to provide a smooth and engaging browsing experience, featuring detailed product displays and company information. It boasts a responsive design across all devices and optimized performance for a fast and seamless user experience.

Hosting link: <https://www.eyekemet.com>

SSAM:

A web platform for segmenting objects in satellite images using a custom deep learning model developed as part of our graduation project. I was responsible for developing the entire website including both the front-end and back-end, as well as creating the API that facilitated communication with the model. Additionally, I actively contributed to the development and training of the deep learning model itself.

Git repos:

- <https://github.com/MichaelkhalafG/ssam>
- <https://github.com/MichaelkhalafG/Satellite-SAM-API>
- <https://github.com/MichaelkhalafG/Segment-Any-Satellite-Image-DeepLearning>

EXPERIENCE

Watchizer & Brand Fashion Company / Sep 2024 – Present

Responsible for upgrading and enhancing existing websites while also developing new ones for Watchizer & Brand Fashion, ensuring improved functionality, modern design, and optimal performance.

Freelancing / Jul 2021 – Present

I created many websites as a freelancer during the four years of study, specifically the last 3 years.

EDUCATION

**Bachelor's degree in computer science and Artificial Intelligence - Modern
University for Technology and Information (MTI) / 2020 – 2024**