

# Mahmoud Elsawah, Front end Developer

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## Profile

**Innovative Front-End Developer** with 3 years of experience in building high-performance web applications using **React.js** and **Next.js**. Proficient in **clean code practices**, **design patterns**, and modern **HTML**, **CSS**, and **JavaScript**. Skilled in **SEO optimization**, **performance enhancement**, and crafting **accessible**, **user-friendly interfaces**.

Experienced in **Atomic Design** for scalable UI development and familiar with **Microfrontend Architecture** to build modular, maintainable applications. Strong expertise in **Tailwind CSS**, **ShadCN**, and **MUI-TailwindCSS** for efficient styling.

Additionally, I have experience with **Salla and Zid**, including **custom theme development**, **meta fields**, **Advanced Product Structuring**.

Known for delivering **high-quality work on time**, with a focus on **scalability**, **reusability**, and **best practices**.

## Experience

### FRONT-END DEVELOPER | NEOXERO | MANSOURA | 6 Mar 2025 – PRESENT

- Experienced in building **Microfrontend-based systems** for enhanced scalability and flexibility.
- Working with **Twig, Salla, and Zid**, including **custom theme development** and advanced **e-commerce structuring**.
- Implementing **Atomic Design** for scalable UI development and applying **Microfrontend Architecture** for modular applications.
- Developing and maintaining **various dashboards** using **Next.js** for optimized performance and user experience.

### JUNIOR FRONT-END DEVELOPER | MARKETOPIA | ALEXANDRIA | JANUARY 2025 – 5 Mar 2025

- Developing and maintaining web applications using **Next.js**.
- Collaborating with backend developers to integrate APIs and ensure seamless functionality.
- Implementing **performance optimization** techniques, including **lazy loading**, **code splitting**, **tree shaking**, and **PageSpeed Insights optimization**.
- Applying **React Design Patterns** such as **Container-Presentational**, **HOC**, **Render Props**, and **Compound Components** to improve code maintainability and scalability.
- Conducting **code reviews** and providing mentorship to junior developers.

### JUNIOR FRONT-END DEVELOPER | DELTAWY | JANUARY 2023 – MAY 2024

- Developed and maintained web applications using **Next.js**.
- Collaborated with backend developers to integrate APIs and ensure seamless functionality.
- Implemented **performance optimization** techniques to enhance website speed and user experience.
- Improved **SEO** using various techniques such as **schema.org**, **structured data**, **meta tags optimization**, **sitemap generation** and **rss**.

- Worked on various projects to improve **SEO** and achieve higher search engine rankings.
- Conducted code reviews and provided mentorship to junior developers.

## **JUNIOR FRONT-END DEVELOPER | FREELANCER | JANUARY 2022 – DECEMBER 2022**

- Developed and maintained dynamic web applications using **React.js**.
- Worked on a multilingual project, implementing support for multiple languages.
- Built the backend interface using a **headless CMS** for flexible content management.
- Enhanced website **SEO** using **React Helmet** and various optimization techniques.
- Conducted usability testing and implemented feedback to improve user experience.

## **B.SC. IN COMPUTER SCIENCE | JUNE 2023 | HIGHER INSTITUTE FOR MANAGEMENT AND INFORMATION TECHNOLOGY, KAFR EL SHEIKH.**

### **Skills & Abilities**

- **Front-End Development:** React.js, Next.js, React Native, HTML, CSS, JavaScript
- **Performance Optimization:** Web Performance, Lazy Loading, Code Splitting
- **SEO:** schema.org, structured data, meta tags optimization, sitemap generation, React Helmet
- **UI Frameworks:** MUI, Bootstrap, Tailwind CSS
- **Tools & Technologies:** Git & GitHub
- **Backend & Tools:** Node.js (Basics), Firebase, RESTful APIs
- **React Design Patterns:** HOC, Render Props, Compound Components, Context API Best Practices, Container-Presentational, Children-Component, Singleton, Factory Pattern
- **Architecture & Design:** Atomic Design, Microfrontend Architecture
- **E-commerce Platforms:** Basic experience with Salla and Zid
- **Blockchain Development:** Solidity (Smart Contract Development Basics)

### **Projects**

- **Beryl AI:** Next.js, Tailwind CSS, framer motion, next-intl [<https://www.aiberyl.com/en>],
- **Deltawy :** <https://deltawy.com/>
- **El Daffah Store:** **Stores** built with **React.js, Twig, Microfrontend architecture**, and **Tailwind CSS**. [<https://daffah.sa/>]
- **Golden Weast** – Advanced admin panel with **5 admin roles, permissions, and user access control**.
- **Deltawy E-commerce Site:** Next.js, Mui, redux [[deltawy.net](https://deltawy.net)],
- **Raysin SRLS Website:** React.js, React-bootstrap, Seo [<https://rysincarsrls.vercel.app>],
- **Souq El Mahalla E-commerce Site:** Next.js, Mui, Seo, redux [[souq-mahala.com](https://souq-mahala.com)]
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- **Beans united Store: Zid Stores** built with **React.js, Twig, Microfrontend architecture**, and **Tailwind CSS**. [<https://beansunited.sa/>],
- **Bab sharqi Store : Zid Stores** built with **React.js, Twig, Microfrontend architecture**, and **Tailwind CSS**. [<https://babsharqi.zid.store/>],
- **4P Advertising Platform:** Next.js, Tailwind CSS, Paymob, next-intl [<https://4papp.com/en>],

## NPM Package

**Next.js Performance Booster:** Enhances Next.js performance with Tailwind CSS & UI libraries.  
[npmjs.com/package/nextjs-performance-booster](https://npmjs.com/package/nextjs-performance-booster)

Built by **me**, this package optimizes Next.js projects using **Tree Shaking**, **Purge CSS**, and **Depcheck** to remove unused code, improve performance, and ensure a lightweight setup. It also automates Next.js installation and integrates UI libraries like **ShadCN**, **Flowbite**, **DaisyUI**, and **Material Tailwind**.

## Activities and Interests

- Participated in the **NASA Space Apps Challenge** at Benha University, highlighting innovative solutions and collaborating with tech enthusiasts.