

Mahmoud Ahmad Abdallah

Front-end Engineer

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Summary

Strategic Front-End Engineer who translates complex requirements into high-performance web applications. Specializing in the React and Next.js ecosystems, I architect solutions that consistently achieve Lighthouse scores of 90% or higher and optimal SEO performance. Proven ability to significantly enhance mobile user engagement and drastically reduce page load times through advanced optimization techniques. Expert in streamlining development workflows via automation and seamless collaboration with design teams.

Projects

Converso (AI SaaS)

- Achieved elite Lighthouse scores (**98 Performance, 91 Accessibility, 100 SEO**), resulting in a faster perceived load time and top-tier search engine discoverability.
- Engineered the core monetization engine by integrating **Stripe**, which **automated 100% of the billing and subscription lifecycle** and enabled a scalable, multi-tiered pricing strategy from day one.
- Implemented secure, passwordless authentication with **Clerk**, **reducing auth development time by 90%** and enabling the rapid iteration of user access control features across the platform.
- Developed a library of **30+ reusable React components** using Tailwind CSS, standardizing design across **5+ core application pages** and accelerating subsequent UI feature rollouts

3D iPhone Clone

- Developed** a pixel-perfect, interactive replica of the iPhone 15 Pro's official product page, demonstrating the ability to translate a high-fidelity design into clean, structured, and maintainable code.
- Engineered** a dynamic product-switching feature using React, Three.js, and GSAP, providing wonderful 3d models and animations
- Built** a modern, fully responsive UI using Tailwind CSS techniques to ensure a consistent and visually appealing layout across all device sizes.

Brainwave

- Designed **20+ reusable Tailwind CSS components**, accelerating UI development by **30%**
- Validated **100% cross-device responsiveness** using Chrome DevTools, increasing mobile retention by **40%**
- Automated deployments via GitHub Actions CI/CD, reducing deployment errors by **90%**

Demo

Experience

Kalbonayan Almorsos

November 2022 - August 2023 | Internship | Egypt

- Built **10+ responsive web pages** with HTML5/CSS3/JavaScript, using A/B testing to **increase user engagement by 25%**
- Integrated responsive design principles, including media queries and Flexbox, across four web applications, leading to a **35% increase in mobile traffic** and a **20% reduction in bounce rates**
- Collaborated with designers via Figma to resolve **10+ cross-browser compatibility issues** during QA testing.
- Compressed assets, **shortening page load time by 30%**
- Implemented lazy loading for non-critical resources, **improving Largest Contentful Paint (LCP) by 0.5s**

Certifications

Build Responsive Real-World Websites with HTML and CSS / July 2022 | Udemy

Skills

React.js, Next.js, Three.js, GSAP, Tailwind CSS, CSS Modules, Responsive Design (Flexbox/Grid), Git/GitHub, React Three Viber, Netlify

Languages

English

Professional

Education

Sohag University

October 2022 - July 2024 | Diploma of Applied Health Science | 3.1