

# MOHAMMED ELSAEED

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## Summary

Software Engineer with more than one year of experience proficient in React and TypeScript, with a background in developing dashboards, property management systems, and landing pages. Achieved a 50% reduction in manual processes in one of my roles, saving the company an average of 16 hours monthly. Improved code quality through automated testing, skilled in translating designs into code, and integrating frontend with backend APIs. Actively learning and adapting to industry trends.

## SKILLS

- React, JavaScript, TypeScript, HTML, CSS, Next.js, Figma, SASS, Git, Jest, Unit Testing, Docker

## WORK EXPERIENCE

**Zinad IT: Remote FullStack React Engineer** 08/2023- 01/2024

- Developed a cybersecurity report generation website using React and Laravel, reducing report generation time by 50%.
- Automated the process of creating cybersecurity reports, including information on vulnerabilities, CVSS scores, and methodologies, enhancing report accuracy by up to 40%.
- Maintained code quality through rigorous testing and debugging, enhancing system maintainability, and reducing bug rates by 15%.
- Developed backend endpoints for CRUD operations, implementing validation logic and managing data storage using an SQL database.

**Link Development: Frontend Developer Intern** 07/2023 - 08/2023

- Collaborated within an agile team at Link Development to enhance a website using HTML, CSS, and React, implementing frontend enhancements that improved user interface responsiveness and navigation flow.
- Achieved proficiency in HTML, CSS, and React under the mentorship of experienced developers, optimizing code for improved website accessibility.

## Projects

### Dashboard for Game Data:

- Developed a Next.js dashboard with Tailwind CSS, incorporating user authentication via Google OAuth and integrated Firebase for storage, ensuring secure access to data.
- Managed the end-to-end development of the project, utilizing TypeScript and React hooks for optimized data handling and reusability, reducing possible bugs by 15% and accelerating the development.
- Created a demo page to facilitate user testing enhancing usability and gathering valuable user feedback.
- Improved performance by optimizing assets and achieving a perfect Lighthouse score of 100, enhancing accessibility and performance scores by 20%.

### Portfolio Website:

- Designed a portfolio website using Next.js, TypeScript, and Tailwind CSS to showcase my experience and projects in an interactive format, achieving a perfect SEO score of 100.
- Implemented React Portal for dynamic modal rendering, enhancing user interaction.

## EDUCATION

**Cairo University** | Cairo, Egypt **B.S. Biomedical Engineering** October 2019 – June 2024  
**Relevant Coursework:** Data Structures and Algorithms, Deep learning, Software Engineering, Distributed systems, Object-Oriented Programming.