Muhammad Gmal Ezzat
Frontend Engineer

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Education

Bachelor of Computer Engineering, *El-minya University*   2018 – 2023

Objective

Frontend Engineer with a Computer Engineering degree and over 1 year of experience in React and Next.js. specializing in developing responsive and user-friendly websites. Strong foundation in computer science fundamentals, including OOP, data structures, and algorithms.

Experience

Web Developer Intern, *Codsoft*   Aug 2023 – Oct 2023
- Optimized the user interface for increased responsiveness and improved user experience.
- Developed responsive web Apps using React and Next.js

Projects

**E-commerce website | HTML, CSS, Bootstrap, NodeJS, MongoDB,** *GitHub Link* ⬈
- full-stack e-commerce website using **Express** and **MongoDB** with an **MVC** architecture .
- Implemented secure user authentication and authorization with token-based security, encrypted passwords, and CSRF protection.
- Integrated **Mailjet** for automated email notifications and **Stripe** for secure payment processing.
- Ensured data integrity and user experience with form validation, session management, and protected routes.
- Designed a responsive frontend using **HTML**, **CSS**, and **Bootstrap** for a seamless user experience.

Full Stack Food Delivery | React.js, Redux, Tailwind, FireBase, *GitHub Link* ⬈
- Developed a dynamic web application using **React.js**, **Redux**, and **Firebase** with Google Authentication for secure user access.
- Implemented features allowing users to browse meals, add items to the cart, and manage orders .
- Integrated **Tailwind CSS** and **MUI** for a responsive and visually appealing user interface.
- Designed admin functionality for adding and managing meals stored in **Firebase**.

CodePen Clone | React.js, Redux, Code Mirror,Google Auth, *GitHub link* ⬈
- Developed a real-time code editor with **React.js**, **Redux**, and **Firebase**, featuring user authentication, and live code previews.
- Integrated **Code Mirror** for powerful code editing with separate tabs for **HTML**, **CSS**, and **JS**, and implemented **React Split Pane** .
- Optimized design with **Tailwind CSS** and **MUI**, ensuring a **responsive** interface and enabling users to search for pens by keywords.

Burger Delievery | React.js, Redux, material UI, FireBase, *GitHub Link* ⬈
- Developed a burger customization app using **React.js**, **Redux**, and **Firebase** with secure user authentication.
- Enabled users to modify burger ingredients and proceed to checkout after signing in with email.
- Created a form validation system to ensure accurate order information during checkout.
- Designed an orders page where users can track their previous orders.

Technical Skills

Languages
JavaScript, TypeScript, Python, C, HTML, CSS

Frameworks
*React, Next.js, Redux, Material-UI, Bootstrap,NodeJs ,MongoDB,Mongoose, Tailwind CSS, Semantic-UI.*

Courses

**Master the Coding Interview: Data Structures + Algorithms,** *Udemy* ⬈   Aug 2023 – Oct 2023

cs50, *Harvard University*   Jun 2020

Advanced Full-Stack Web Development, *Udacity* ⬈   Jun 2022 – Aug 2022

React Development nanodegree, *Udacity* ⬈   Sep 2022 – Oct 2022

Volunteering

IEEE, *Technical Support*   2020 – 2021
- we educated C programming and Arduino to 20 students
- we helped them to program grip-and-go robots for the competition using Arduino