



Omar Mohamed Abd El-Halem Monib

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OBJECTIVE

"Telecommunications engineer with extensive experience in network optimization and technical team management, transitioning to a career in software development. Skilled in HTML, CSS, JavaScript, and React, with a focus on creating dynamic applications. Seeking a role in software development where I can leverage my analytical and technical skills in a programming-focused environment and adapt quickly to new technologies."

EXPERIENCE

January
2023 -
Present

- **NFM Engineer**
Afro Egypt

- Maintained telecom cabinets and microwave equipment, overseeing software and hardware functionality.
- Led on-site teams to resolve issues quickly, ensuring consistent uptime and high-performance network management.
- Developed tools and scripts to enhance troubleshooting processes, boosting task efficiency and ensuring network reliability.

June
2021 -
December
2023

- **Radio Frequency Optimization Engineer**
Citex, Vodafone

- Collaborated with Citex as a primary contractor for Vodafone Egypt, focusing on network optimization and modernization.
- Managed alarms and led integration projects with Ericsson and Huawei equipment, building project management and troubleshooting skills now applied to programming.

January
2018 -
June
2021

- **Site Engineer**
ECP, Ericsson

- Worked with ECP as a primary contractor for Ericsson on the Vodafone Egypt project, focusing on integrating and maintaining advanced communication systems.
- Optimized digital units and monitored key performance indicators, developing analytical skills now applied in software development.

EDUCATION

2015

- **Bachelor of Communications and Electronics Engineering**
Safwa Higher Institute of Engineering and Technology
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TRAINING AND CERTIFICATION

- **Python for Everybody - Elzero Web School (YouTube)**
"Completed an online course covering Python basics, data structures, and data manipulation."
- **JavaScript and Web Development - Elzero Web School (YouTube)**

Self-paced course covering JavaScript fundamentals, DOM manipulation, and modern web development practices.

- **ReactJS - Different Channels (YouTube)**

Acquired foundational skills in building interactive user interfaces and single-page applications using React.

- **CCNA Certification - Ahmed Nazmy's YouTube Channel**

Gained a strong foundation in networking, covering IP addressing, routing, and troubleshooting.

PROJECTS

- **Personal Portfolio Website**

Developed a responsive personal portfolio website using HTML, CSS, JavaScript, and React to showcase my skills and projects.

- **Radio Pro**

A social platform for telecommunications and tech enthusiasts, enabling connections and discussions on topics like 5G and network technology from brands like Ericsson and Huawei. Features include user authentication, dynamic news, and interactive posting for exploring tech advancements.

- **Omar's Development Hub**

the main application component that serves as the entry point for the React application. It integrates various functional components into a cohesive user interface, including a home page and multiple sections that showcase different features. Each section is dedicated to a specific component, allowing users to navigate seamlessly between functionalities such

1. **Welcome Message** : A React component that displays a personalized greeting based on user input and the time of day. It allows users to enter their name and provides immediate feedback, enhancing user engagement.
2. **Click Counter** : A component that implements a simple click counter functionality, allowing users to increment a counter with each click of a button. It demonstrates state management in React and user interaction.
3. **Toggle Text** : A component that allows users to toggle the visibility of text on the screen. This interactive feature helps demonstrate state management and user engagement in React applications.
4. **To-Do List** : A task management application component that enables users to add, delete, and manage tasks efficiently. It provides a straightforward interface for organizing to-do items and enhancing productivity.
5. **Color Box** : A component that displays a box filled with a color that users can change through interaction. It serves as an engaging way to demonstrate React's state management capabilities and user feedback.
6. **Countdown Timer**: A component that implements a countdown timer, allowing users to set a specified duration and visually track the remaining time. It enhances time management by providing a clear display of the countdown, suitable for various applications such as reminders or event tracking.

- **Login Form Component**

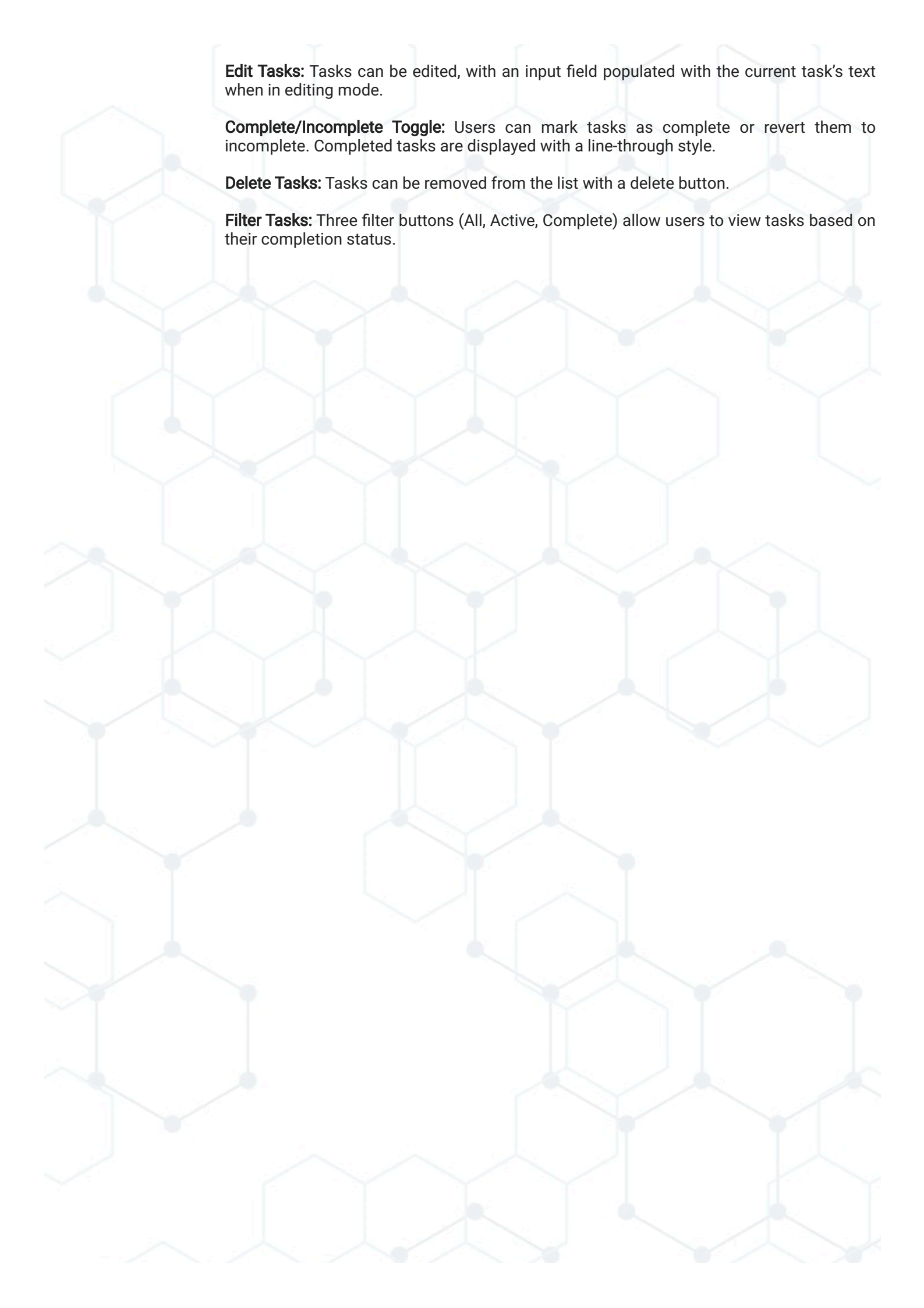
This component provides a simple, intuitive login form built with React and Ant Design. Users can input their username and password, which are validated before submission. The form includes a responsive and user-friendly interface with Ant Design's Form, Input, and Button components. A customized icon and title are added to enhance branding, giving a polished appearance to the form.

- **Todo List**

This is a dynamic Todo List application created with React, allowing users to manage tasks efficiently. Users can add new tasks, mark tasks as complete, edit tasks, and delete tasks when necessary. The application uses useState and useEffect hooks to handle state and updates seamlessly.

Features:

Add Tasks: Users can add new tasks through a form. The TodoForm component generates unique IDs for each task using shortid.



Edit Tasks: Tasks can be edited, with an input field populated with the current task's text when in editing mode.

Complete/Incomplete Toggle: Users can mark tasks as complete or revert them to incomplete. Completed tasks are displayed with a line-through style.

Delete Tasks: Tasks can be removed from the list with a delete button.

Filter Tasks: Three filter buttons (All, Active, Complete) allow users to view tasks based on their completion status.