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CommPeak React Practical Task

Task Overview: Inbox Page Implementation

You are required to build an **Inbox page** with the following features:

Data Input

- You are given two JSON files:
 - 1. **Contacts** contains contact details (e.g., name, phone, city)
 - 2. **Conversations** contains message history
- Match conversations to contacts using the phone number field.

UI Structure & Behavior

- Left Sidebar Contact List
 - Display a list of contacts with:
 - o Full name
 - Last message preview
 - o Time of last message
 - Clicking on a contact:
 - o Opens the relevant conversation in the **right panel**
 - Highlights the currently selected conversation



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• Right Panel - Conversation

- Show:
 - Contact's full name
 - Avatar with initials
 - Total number of messages
- Display message bubbles:
 - Outgoing messages aligned right
 - o Incoming messages aligned left
- Allow sending new messages:
 - o Appends a message to the conversation thread

Session Logic

- The session is **ephemeral**:
 - When switching between conversations, the previous message history is preserved
 - o On browser **refresh**, everything resets
 - No need to store data in localStorage, cookies, or backend this is a frontend-only task

Sending a Message

- At the bottom of the conversation panel, add a **message input box**
- Support placeholders in square brackets inside the message text, e.g., [first_name]
 - o When sending the message, replace placeholders with actual contact data
 - Example: [first_name] → John



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Search Functionality

- Add a **search input field** above the contact list
- Allow real-time filtering of contacts by:
 - Full name (first name + last name)
 - Phone number
- Search should be **case-insensitive** and update the list dynamically

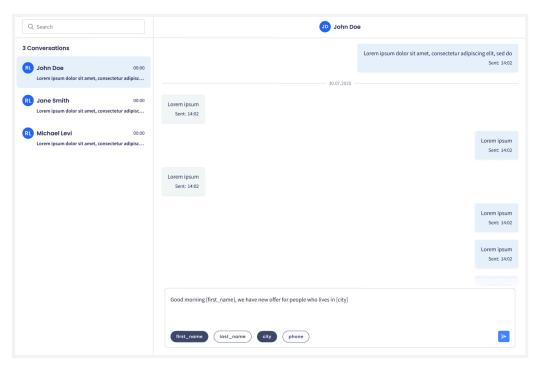
Design Guidelines

- The UI does not need to match the exact design in terms of spacing (padding, margin), but:
 - The **structure and layout** should match
 - Use the following color variables:



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Writing message:



Message sent:

