

## **Job Task: Create a Responsive Landing Page with API Integration**

**Objective:** Create a responsive web application where users can search for Chartered Accountants using a search bar and view detailed information about selected Chartered Accountants. This task focuses on implementing functionality, responsiveness, and clean UI design

### **Prerequisites:**

- Familiarity with React, Tailwind CSS, RESTful APIs, and Git/GitHub.

### **Instructions:**

#### **1. Set Up Your Environment:**

- Initialize a new React application using Vite.
- Set up Tailwind CSS with React.

#### **2. Design Conversion:**

- The design should be fully responsive, adapting well to mobile, tablet, and desktop views.

#### **3 .API Integration:**

- Set up a mock RESTful API using JSON Server with the provided JSON file containing a list of Chartered Accountants.
- Implement a search bar that makes a GET request to your mock API, searching for Chartered Accountants by name.
- Display the search results dynamically below the search bar.
- When a user clicks on a Chartered Accountant's name from the search results, redirect them to a details page showing more information about the selected Chartered Accountant.

- Handle potential edge cases, such as no matches found or errors in the API request.

#### **4. Deploy & Share:**

- Push your code to a public GitHub repository.
- Share the live site link, API endpoint, and GitHub repository link for review.

#### **5. Evaluation Criteria:**

- API Integration: How effectively does the application interact with the mock API? How are edge cases handled?
- Code Quality: Is the code well-organized, readable, and efficient?
- Responsiveness: Does the application adapt well to various screen sizes?

**Resources :** [JSON data](#)

### **Expected Deliverables:**

#### **Homepage:**

- A search bar to enter the name or part of the name of a Chartered Accountant.
- Dynamic search suggestions that display below the search bar as the user types. This should show a list of matching Chartered Accountants from the JSON server.
- The search suggestions should be clickable.

#### **Details Page:**

- When a user clicks on a Chartered Accountant from the search suggestions, they should be redirected to a separate details page.

- This page should display more detailed information about the selected Chartered Accountant, including their name, charge, description, rating, and an image.
- Ideally, there should be a back button or a clear way to return to the homepage.

### **Responsiveness:**

- Both the homepage and details page should adapt well to various screen sizes, from mobile to desktop.

### **API Interactions:**

- All data interactions should be done through API requests to the JSON-server.
- Proper handling and display of errors if, for instance, the API doesn't respond

### **Code Quality:**

- Code should be well-organized, with a clear directory structure.
- Proper use of React components, hooks, and state management.
- Clean, readable, and commented (where necessary) code.