

- ◆ Project-Based Questions (with Answers)

## 1. What technologies did you use in your Portfolio website?

**Answer:**

I used HTML, CSS, and JavaScript to create a responsive portfolio that works on all screen sizes. I implemented smooth scroll, section animations, and a contact form using basic JS and email services.

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## 2. How did you handle API integration in Forecastify?

**Answer:**

I used the fetch API in React and called the OpenWeatherMap API in the useEffect hook to get weather data on component load. I managed loading states and errors using useState.

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## 3. What improvements would you make to Forecastify if given more time?

**Answer:**

- Add geolocation support
  - Show hourly forecasts
  - Cache API responses
  - Add dark mode toggle
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## 4. How is your Netflix Clone different from the real one?

**Answer:**

It's a static UI clone. It mimics the homepage design with scrollable movie sections and layout responsiveness, but lacks backend functionality like user login and video streaming.

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## 5. What challenges did you face with responsiveness and how did you solve them?

**Answer:**

I struggled with mobile layout spacing. I used **media queries** and **Flexbox** to restructure components for different screen widths and tested using Chrome DevTools.

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## 6. Which project are you most proud of and why?

**Answer:**

Forecastify, because it integrates frontend skills with API handling, and I learned how to manage real-time data and improve performance through component optimization.

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## 7. Did you use version control in your projects?

**Answer:**

Yes, I used Git and GitHub for all projects. I followed branching strategies and made regular commits for modular changes.