

◆ 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.

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.

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.

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.

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.

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.