

60 Svelte Framework interview questions to ask developers

Questions

1. Can you explain what Svelte is and how it differs from other frontend frameworks?
2. What are the key benefits of using Svelte in web development?
3. How does Svelte handle reactivity?
4. What is the purpose of the 'svelte:self' element?
5. How do you handle global state management in Svelte?
6. Explain the concept of transitions in Svelte and give an example of when you might use them.
7. What are Svelte actions and how do they differ from event handlers?
8. How does Svelte handle server-side rendering (SSR)?
9. What are slots in Svelte and how do they enhance component composition?
10. How does Svelte handle component lifecycle?
11. Can you describe how Svelte optimizes performance compared to traditional frameworks?
12. What is a Svelte store and how do you use it?
13. Explain how Svelte handles component communication.
14. What is the role of the <script> tag in a Svelte component?
15. How do you apply styles to components in Svelte?
16. Can you give an example of how to use event forwarding in Svelte?
17. How do you implement conditional rendering in Svelte?
18. What are reactive declarations in Svelte and when would you use them?
19. Explain the concept of reactive assignments in Svelte.
20. How do you bind HTML attributes in Svelte?
21. What is the significance of the key directive in Svelte?
22. How do you create and use custom events in Svelte?
23. Can you explain the use of bind:this in Svelte?
24. How would you debug a Svelte application?
25. What are Svelte stores and how do they differ from component state?
26. How do you handle form inputs in Svelte?
27. Explain the use of the await block in Svelte.
28. How do you manage side-effects in Svelte components?
29. Can you describe how Svelte's compiler works?
30. What are some common use cases for Svelte components?
31. How can you pass data between Svelte components?
32. What are Svelte stores and how do they help manage state?
33. How do you optimize Svelte applications for performance?
34. Can you explain how context works in Svelte?
35. What is reactive programming in Svelte and how does it work?
36. How are Svelte components styled, and what are the benefits of Svelte's approach to styling?
37. How do you manage side-effects in Svelte components?
38. What strategies do you use for debugging Svelte applications?
39. How do you implement animations in Svelte?
40. Can you explain the concept of reactive assignments in Svelte?
41. How does Svelte's approach to creating components differ from other frameworks like React or Vue?
42. Can you explain the purpose of the 'onMount' lifecycle function in Svelte?
43. What is the difference between 'export let' and 'let' when declaring variables in a Svelte component?
44. How would you create a reusable button component in Svelte that accepts custom styles and click handlers?
45. Explain the concept of 'derived stores' in Svelte and provide an example of when you might use one.
46. How do you handle component cleanup in Svelte when a component is destroyed?
47. What is the purpose of the '\$:' syntax in Svelte, and how does it relate to reactivity?
48. Can you describe a scenario where you would use a 'svelte:component' element?
49. How do you implement two-way binding in Svelte forms?
50. Explain the difference between 'on:click' and 'on:click|preventDefault' in Svelte event handling.
51. What is the purpose of the 'use:' directive in Svelte, and how might you use it to create a custom action?
52. How would you implement a component that renders different content based on screen size using Svelte?
53. How do you synchronize state between multiple components in Svelte?
54. Can you explain the difference between writable and derived stores in Svelte?
55. How would you handle state management in a large Svelte application?
56. What are some potential pitfalls of using Svelte stores for state management?
57. How do you manage asynchronous state updates in Svelte?
58. How do you handle form state in Svelte?