

Q1. What is Flutter and what UI problem or paradigm does it address?

Answer:

Q2. Explain the component model in Flutter and how components communicate with each other.

Answer:

Q3. How does Flutter handle state management for complex applications?

Answer:

Q4. What is Flutter's rendering strategy (CSR, SSR, SSG, ISR) and what are the tradeoffs?

Answer:

Q5. How does Flutter handle routing and navigation in a single-page application?

Answer:

Q6. How do you fetch data and handle loading/error states in a Flutter application?

Answer:

Q7. What performance optimization techniques are specific to Flutter (memoization, virtualization, code splitting)?

Answer:

Q8. How do you test components in Flutter (unit, integration, snapshot, e2e)?

Answer:

Q9. How do you handle forms and form validation in Flutter?

Answer:

Q10. What accessibility (a11y) practices should you follow when building UI with Flutter?

Answer: