

CGI - Oct - 2024

Personal and iOS Journey

1. Tell me about yourself. Brief about your journey in iOS?

Core Data

2. Do you know about Core Data? Please explain the Core Data stack.
3. What is Core Data faulting and Core Data uniquing?
4. Have you done migrations in Core Data? What is migration in Core Data? Explain lightweight, heavyweight, and manual migration in Core Data.

API Calls and Networking

5. How do you call multiple APIs at once in iOS?
6. How would you handle subsequent API calls without running the result on the main thread?
7. Have you worked with async/await? What do you know about continuations in multithreading?

SwiftUI

8. Do you have experience in SwiftUI? What does declarative programming mean in SwiftUI?
9. Have you used `@StateObject` and `@ObservedObject` in SwiftUI? What is observable in SwiftUI? What is `@EnvironmentObject`?

Protocols and Design Patterns

10. Do you know about protocols? How many ways have you used protocols in your projects?
11. Can you provide a code snippet demonstrating the delegate pattern you've used in your project?