

# ■ AI Interview Report

**Candidate:** ABC  
**Role:** Software Engineer  
**Domain:** Backend  
**Experience:** 1-3 years  
**Interview Mode:** Technical  
**Date:** September 08, 2025 at 01:40 AM

## ■ Overall Performance

Metric	Score
Overall Score	5.2/10
Technical	6.0/10
Communication	4.0/10
Confidence	5.0/10

## ■ Interview Questions & Answers

**Question 1 | Technical: 6/10 | Communication: 4/10 | Confidence: 5/10**

**Question:** Explain the difference between REST and GraphQL, and describe a situation where you would choose one over the other for a backend service.

**Your Answer:**

*REST: Multiple endpoints, fixed responses → simple, cache-friendly. GraphQL: Single endpoint, client-controlled response → flexible, efficient for complex data.*

**AI Feedback:**

The answer is technically partially correct but lacks depth and nuance. Expand on the advantages and disadvantages of each, including considerations like over-fetching/under-fetching in GraphQL and the impact on caching. Illustrate your choice with a concrete example.

**Suggested Improvement:**

REST uses multiple endpoints, each returning a fixed data structure defined by the server. This is simple to implement and cache efficiently. However, it can lead to over-fetching (requesting more data than needed) or requiring multiple requests for related data. GraphQL uses a single endpoint with a schema allowing clients to request precisely the data they need, reducing over-fetching. However, it adds complexity to the backend and caching can be more challenging. For a mobile app with limited bandwidth and needing only a subset of user data, GraphQL is preferable due to its efficiency. For a simple CRUD application with well-defined data structures and a focus on ease of implementation, REST is a better choice. Consider the trade-offs between development complexity, data fetching efficiency, and caching

strategies when deciding.

## ■ Recommended Resources

- <https://graphql.org/learn/>
- <https://restfulapi.net/>

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