

Amazon Interview Experience for SDE-1 | Off-Campus 2020

- Difficulty Level : [Easy](#)
- Last Updated : 23 Dec, 2020

A recruiter contacted me through email if I was interested in applying for the SDE-1 role, I sent my resume and waited for further notice. I received an email to take up a Hackerrank Test within a week.

Online Coding Test: Coding challenge (2 scenarios) and Coding approach (elaborate why you code the way you do) 105 minutes: One question based on Two-pointer approach with extra use of hashmap, on was simple iteration with finding min in every loop. (Tip: Solve all coding questions from interview experiences of GFG and LeetCode.)

1. **Workstyle survey 15 minutes:** Remember the answers you choose, questions do get repeated
2. **Feedback survey 5 minutes:** The Toughest of all (PS: Just Kidding!)

Technical round 1:

Preparation: Watched a lot of DP youtube videos, solved questions from Amazon Interview Experiences in GFG.

1. 2 Coding questions:
 - Easy Graph application problem, Optimise it using DP, further optimise space by removing unnecessary data.
 - Easy Data Structures problem using hashmap and a counter.

Tip: Use sensible variable names, talk it out aloud. Modularise code into functions if needed.

Technical round 2:

Preparation: Watched a lot of Mock interview YouTube videos of FAANG companies, solved questions from Amazon Interview Experiences in LeetCode.

1. 2 Coding questions:
 - Find the kth the smallest element in an array.
 - Binary Search tree problem(GFG medium level)
2. 2 Behavioural Questions

Tip: Give as many approaches as possible, explaining which do you prefer and why.

Technical round 3:

Preparation: Nothing Much

1. 1 Coding question: LRU Cache Implementation
2. 3-4 Behavioural Questions on Amazon's LP: Google It!

Technical round 4 (Hiring Manager Round):

1. 1 Coding question: Implement Hashmap with a function that returns the order of insertion of <key, value> pairs into it.
2. 3-4 Behavioural Questions on Amazon's LP

3. Few Basic Questions on OS, DBMS

Result: Selected \xf0\x9f\x98\x89

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