

## Amazon Interview Experience for SDE-1 (Off-Campus)

- Difficulty Level : \n[Easy](#)
- Last Updated : \n07 Mar, 2022

I got a mail from an Amazon recruiter for the SDE-1 role. I applied through the Career Site.

**Online Assessment round:** 2 coding questions were asked. (don't remember exactly), I have got an MD editor and also to explain my approach to questions and time complexities. You need to solve both questions to get a call for an interview.

**Round -1 (Coding round):** Around 3 weeks later, I received a call from the recruiter that I have 2 interview rounds in the next week on the same day. This round was taken by a senior SDE-2. We introduced ourselves and then he directly jumped into coding questions.

1. Move zeros to last (<https://www.geeksforgeeks.org/move-zeroes-end-array/>)
2. Remove k consecutive chars (<https://www.geeksforgeeks.org/reduce-the-string-by-removing-k-consecutive-identical-characters/>)

We first discussed the approaches to solve the problems and then when I reached the optimized solution to the problem. He asked me to write the code and discussed the space and time complexities.

**Round 2 (Coding round):** After one hour on the same day, I had the next round of interviews. It was taken by two senior SDE-1. They asked me to introduce myself.

1. I didn't exactly remember the question but it was an application-based modified DFS of graph problem.
2. Count ways to reach nth stairs. (<https://www.geeksforgeeks.org/count-ways-reach-nth-stair/>)

I have explained both the question in 45 minutes. They asked me if I have any questions for them. I have asked them to tell me their experience.

After around a week later, I received a call that I have the next round of interviews on the next day.

**Round 3 (Bar-raiser round):** This round is taken by a senior manager. We faced a lot of bandwidth issues from his side.

1. He asked me about my recent projects. The approach, the challenges I faced, and their solutions.
2. He asked me some behavioral questions too like Tell me about a time you made a blunder (Technical and personal both).
3. He also asked me what are questions asked in my previous rounds. and then gave me this problem.
4. Reverse zig-zag tree traversal. (<https://www.geeksforgeeks.org/zigzag-tree-traversal/>)

This round didn't go so well. I was nervous about the next round. The gap between this round and the next round was 15 minutes but this round lasted 10 minutes longer. So, I got only 5 minutes between both rounds.

**Round 4 (Bar-raiser round):** This round was also taken by a senior manager having about twelve years of experience. We started with the Introduction.

1. This was similar to the questions asked in the previous round. He asked me about my recent

- projects. The approach, the challenges I faced, and their solutions. This time he went in-depth.
2. Also some HR questions, Why do you want to leave your current company?
  3. Why Amazon?
  4. Maximum sum path (<https://www.geeksforgeeks.org/find-maximum-path-sum-in-a-binary-tree/>)

A week later I received a call that I got selected.

My Personal Notes

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