

Amazon Interview Experience for SDE-1

- Difficulty Level : [Medium](#)
- Last Updated : 05 Oct, 2021

Online Test, 2 Technical Rounds, 1 Hiring Manager Round, 1 Technical Round.

Online Test

1. One easy sorting based question
2. Shortest Path problem(BFS)

Both were doable in the given 90 mins time.

2 rounds of technical interviews were scheduled.

Round 1:

1. K largest Elements of the given array. (Using Heap). As a follow-up was asked to Implement Heap. I was not able to implement the max heap.
2. <https://www.geeksforgeeks.org/find-the-ordering-of-tasks-from-given-dependencies/>. I was able to give the approach but was not able to give the code properly.

Overall the round did not go well. Was my first interview after a very long time, so was kind of nervous. The HR told me the second round had to go really well if I had to move to the next rounds.

Round 2:

1. Given a file having a timestamp and some log in every line. Retrieve all the logs that depict certain errors. (Basically, the coding style was checked here. if we declared the classes properly, constructors, getter-setter methods and the standard naming conventions, modularity, etc.)
2. <https://www.interviewbit.com/problems/stepping-numbers/>.
 - I was able to answer both questions with great clarity. There were many follow-up questions for the 2nd one, she dug into corner cases and was satisfied with the way they were handled.
 - I was pretty confident that the round went really well and hoped to the interview to proceed further. And yes, I did.

The hiring Manager Round and another technical round were scheduled.

Round 3:

- Hiring Manager Round \xe2\x80\x93 All LP questions, reasons for change, expectations, and other common questions.

Round 4 :

1. Technical Round \xe2\x80\x93 40mins LP questions
2. <https://www.geeksforgeeks.org/total-area-two-overlapping-rectangles/> Easy and done. Have given the approach and coded in 10mins that were left.

Both rounds went well IMO, but it's all subjective. So you are never sure. I was hoping that I'd be offered the role, but hard luck, Apparently they had concerns about my

coding(the 1st round that didn't go very well).

My Personal Notes

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