

# Amazon Interview Experience

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**Round 1:** It was an online assessment. I don't remember the questions exactly but they were medium array questions.

**Round 2(Technical Interview):** Two coding questions were asked-

- <https://www.geeksforgeeks.org/next-smaller-element/>
- Given a file, a string, and an integer x. Let's say the string is at position y. Then you have to print all the strings from the (y-x) position to the (y+x) position. The string can appear more than once in the file. Give a space-efficient approach for this. I was able to explain my approach. The interviewer was quite satisfied with the approach

**Round 3(Technical Interview):**

- Return whether the number can be divided into any instances of 6, 9, and 20 or as a sum of all or some instances of all or any two.
- Find minimum element in O(1) time in the stack. Implement stack using linked list.

**Round 4(Bar raiser):**

- Firstly some managerial questions were asked and then one low-level design question was asked. The low-level design question was about the flight system.

My Personal Notes

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