

# Amazon Interview Experience Offcampus for SDE-1

- Difficulty Level : \nMedium
- Last Updated : \n06 Oct, 2019

There was a drive conducted on august 2019 in Bangalore. There were \xc2\xa0 6 rounds for me 1 written round 3 f2f technical rounds and 2 online rounds on amazon chime.

**Round 1: (written round )\xc2\xa0** Two easy questions were given in this round there was no limit in the time but i submitted it in around 25 minutes.

<https://www.geeksforgeeks.org/find-triplets-array-whose-sum-equal-zero/>

<https://www.geeksforgeeks.org/sum-of-two-linked-lists/>

**Round 2: ( f2f ) two questions were asked in this round\xc2\xa0**

<https://www.geeksforgeeks.org/find-the-row-with-maximum-number-1s/\xc2\xa0>

this question i had already had solved earlier so i told him the soln a bit quickly. other question was something like given a set of fishes which moves in either right or left direction and every fish has a size associated with it and the bigger fish eats the smaller fishes if they are facing in opposite direction. the question was to find the remaining fishes in the end. I came up with a solution using stack and they were much satisfied with that.

**Round 3: ( f2f ) two question were asked in this round.**

<https://www.geeksforgeeks.org/merge-sort-for-linked-list/\xc2\xa0>

<https://www.geeksforgeeks.org/median-of-stream-of-integers-running-integers/>

the interviewer wasn\xe2\x80\x99t that friendly in this round so i messed up in the second question a little bit after these question he asked few questions related to operating system and i answered those but he wasn\xe2\x80\x99t very satisfied.

**Round 4: ( f2f )\xc2\xa0**three question were asked in this round which were from dp, linkedlist and binary search.

the first question was \xc2\xa0<https://www.geeksforgeeks.org/count-number-binary-strings-without-consecutive-1s/\xc2\xa0> 2nd was find the element of linked list which is at the position  $\text{squareroot}(\text{len}(\text{linkedlist}))$  \xc2\xa0 in one iteration and the third question was on binary search which i dont really remember. I hadn\xe2\x80\x99t seen any of these questions earlier so it took me a little time for solving these question. and then he asked me a few questions related to my project. he was pretty impressed.

**Round 5:** this was the easiest among all the interviews

<https://www.geeksforgeeks.org/given-an-array-a-and-a-number-x-check-for-pair-in-a-with-sum-as-x/\xc2\xa0 \xc2\xa0>

and the second question was about finding the first number which is common between two linked lists. \xc2\xa0 told him a solution using hashing and he was pretty much satisfied with that and then he asked me some questions from dbms like acid properties and normalisation.

## Round 6: (Bar raiser round)

the first question was given a playlist of songs you have to randomise the list and play every song once until all the songs in the playlist are done. the second question was <https://www.geeksforgeeks.org/sort-a-stack-using-recursion/> and last question was finding the first missing number given the starting value and the sorted list. i told him a solution using binary search and he was pretty satisfied with that. and after that he asked me few questions related to internship which i was able to answer.

for each round i was told to write code for the programs except for the 4th round's last question. after 8 days of the last interview i got a call from the hr that i have been selected for the sde1 role at amazon hyderabad. I was a bit lucky in the sense that i wasn't asked questions from computer networks which is one of my weaker subjects. i would suggest every one to keep practising and try to maintain a calm attitude while giving the interviews.

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