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Amazon Interview Experience | Set 181 (For SDE 1)

- Difficulty Level : \nExpert
- Last Updated : \n28 Jun, 2019

Recently I was interviewed by Amazon for SDE 1, here is my Experience. Hope this will help others:

Written Round :

there where 3 coding question , out of which 2 where DS related and 3 rd one was Problem solving

1. [Count no of words in given string](#) .
2. [Find first non repeating character in a stream of characters](#)
3. related to slot machine and its working

Interviews

F2F 1.

1. firstly some non technical questions where there , such as

\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0 tell me about yourself ,

\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0 Why Amazon etc

2. followed by 2 coding questions

\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0 1. [Given a sorted dictionary of alien language , find order of characters.](#)

\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0 2. [find minimum number of characters needed to be added to the end of a string to make it palindrome.](#)

F2F 2.

was a senior guy ,

1.started with discussion on previous interview questions , as I had used DP in second question so a brief discussion on DP , tried to test me that does I really know the concept of DP.

2. asked few puzzles , One should be prepared for some out of box questions as they want to check the thought process . even they change puzzles and try to get different solutions. Think loud always.

F2F 3.

was also a senior guy,

1. Started with general induction and asked about till then my interview experience and related stuff.

2. Simple Matrix multiplication problem ,with only 2 double pointer are given , we need to check sizes of both matrix , multiplication feasibility and then do multiplication .

3. Design Question from DataBase point of view , asked about table structure for the problem and had a good discussion on it , concept such as normalisation was discussed .

Telephonic 4th

He was a very senior guy from different team ,

1. Started with general introduction followed by many Behavioural hr questions .

2. Followed by Design Question, a feature of Outlook

A Server receives meeting objects from multiple senders. Meeting object contains meeting time, sent time, recipient(s), sender id,etc. When recipient comes and checks the server, he/she should get requests based on meeting time and not based on sent time. Many discussions on space complexity and time complexity. ?Eg:

12 PM From: A To: B,C,D meeting time: 4 PM meeting Id: 1

12.30 PM from: A To C,D meeting time : 2 PM meeting Id:2

1:PM From B To: C meeting time: 1.30PM meeting Id:3

When C requests the server, C should get ID3 as 1st, ID2 as 2nd and ID1 as 3rd meeting.

Small set of Suggestions :

1. Practice writing code using pen and paper .
2. Try to be interactive as they are very much interested in candidate's thought process , think loud , be confident .
3. Firstly explain the logic and when interviewer is satisfied then start coding .
4. Have few questions prepared for the interviewer as it shows interest of candidate towards the company .Do proper home work about the company.

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[All Practice Problems for Amazon !](#)

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