EditorialistYX Interview Experience

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Round 1 - Online Assessment

- Time : 2hr
- Platform : Mettl
- Section 1: 40 Aptitude questions MCQ's (time and speed, series,profit loss,ratio and proportions …….)
- Section 2 : 20 Technical MCQ's (CSF)
- Section 3 : 4 DSA Questions (LC easy to medium level)

Questions were:

1. https://leetcode.com/problems/k-th-symbol-in-grammar/

2. https://www.geeksforgeeks.org/find-next-smaller-next-greater-array/

3. https://www.geeksforgeeks.org/subset-sum-problem-dp-25/

4. https://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/

Round 2 - Technical Round (35 mins)

Interviewer introduced himself and then asked for my introduction . He opened my test sheet (from round 1) and asked how I approached few aptitude questions that I attempted . (**Pro tip** never guess a MCQ ,answer only if you have actually solved it).

Few questions on DBMS :
    Use of *HAVING* clause;
    Difference between *HAVING* and *WHERE*
    Few queries based on *HAVING* and *GROUP BY* clause.

Round 3 - Technical Round (1hr 15 min)

This round also started with the introduction, He then gave me a series to find the missing number, (was similar to one in the aptitude round). It took me 7-10 mins to figure out the answer ,which turned out to be incorrect :(He gave me few hints and after few minutes he asked if I would like to move to the next question and attempt this one later. (This was actually an exponential series {ak^n + c} type).

He Then Asked me a puzzle.

https://puzzlefry.com/puzzles/you-have-a-flashlight-and-8-batteries/

After trying almost everything , I gave him a sub optimal solution. **(Pro tip** Approach matters more than the actual solution , do not stop trying keep attacking the problem from different angle).

I was asked about my language preference and then he gave me few DSA questions to solve.

1.   Given a Binary String Check if it is divisible by 32.

(Something similar https://www.geeksforgeeks.org/check-divisibility-binary-string-2k/)

I explained my approach and then he asked me to code . (**Pro tip** do not start coding the solution straightaway discuss your approach cross check your logic for few test cases and then code , this applies to all DSA questions throughout all technical rounds).

2. https://www.geeksforgeeks.org/print-nodes-top-view-binary-tree/

(Approach and code)

And then again few questions based on series :-(

Round 4 - Technical Round (1hr 35 min)

After Introduction , interviewer jumped straight to DSA problems:

1.   https://leetcode.com/problems/find-median-from-data-stream/

Only the approach was discussed . He asked if I have already solved this problem before to which I agreed.

2. https://leetcode.com/problems/lru-cache/

Again only approach was discussed along with the time complexity.

3. https://leetcode.com/problems/triangle/

First he asked me my approach and then he gave me few test cases to dry run . And then I was asked to write a working code for the same (and then dry run on one final example).

4. https://leetcode.com/problems/find-the-duplicate-number/

I stared with the O(n) space solution , he then said I am not allowed to use extra space.
I proposed a solution by modifying the original array , I was asked to code this solution and then dry run on few cases.
He then asked me how would I solve this problem if am not allowed to modify the array too. I proposed a solution similar to linked list cycle detection , he was satisfied with the solution and didn't ask me to code.

After DSA problems he asked few puzzles .(For every puzzle I was asked if I have seen this before)..

1.   https://www.geeksforgeeks.org/puzzle-will-sheep-safe/

2.   https://www.geeksforgeeks.org/puzzle-12-maximize-probability-of-white-ball/

Few Aptitude Questions on series (yes again : -(   )………..

He then asked if I have any questions , I asked for the feedback. …

Round 5 - HR Round (40 min)
Introduction
Family Background
Interest and hobbies
Strengths and Weakness
(Answer everything honestly)

Pro tips:

Aptitude and Puzzles are equally important to crack this company.
Attempt the online test honestly . (2-3 DSA questions along with decent number of mcq's are enough to crack this round).