

Interview Experience (HashedIn by Deloitte)

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Company: HashedIn by Deloitte (<https://hashedin.com/>)

Profile: SDE-1 [6 month internship + FTE]

Compensation: 8.1 LPA CTC

It's an on-campus opportunity, thanks to the placement team.

The process comprises of **four rounds** as follows:

1. Round 1: Online test
2. Round 2 (Technical Interview 1): Computer Science fundamentals + DSA [45 min]
3. Round 3 (Technical Interview 2): DSA + project [45min]
4. HR round [40min]

Round 1: Online Test

There were 3 DSA problems, based on hashing, tree, and bit masking. The overall difficulty of this test is medium.

Round 2: Technical Interview 1 (Zoom) [45 minutes]

This is a standard technical interview. We started with our introduction and then the interviewer started throwing computer science fundamentals questions, followed by 2 DSA problems.

Questions related to the following topics were asked:

- ACID properties
- Scheduling algorithms, which one is preemptive and why?
- Concurrency
- Thrashing
- Indexing
- Different types of keys
- What is object-oriented programming?
- OOPS pillars

DSA problem 1: Given 2 trees, check whether one tree is a lateral inversion of the other. (Mirror image)

DSA Problem 2: Given a string of parenthesis, check if the string is a valid paranthesis string or not.

Round 3: Technical Interview 2 (Zoom) [45 minutes]

This is an easy round, the interviewer asked me only 2 coding questions and then we had some discussion on hashing.

Problem 1: You're given a bucket of words and a sentence. Check if the given sentence can be formed with the given words or not? Choose the appropriate data structure for the bucket.

She asked me to open any online IDE of my choice. The interviewer is expecting an errorless and executable code.

Since I chose the hashmap for the bucket, so we also had some discussion about hashing and how it is implemented in java.

Problems 2: One of the projects in my resume is a tic-tac-toe game, so this problem is related to that only. She asked me in detail, how I implemented that and how I implemented the winning logic in that. Then she asked me to write pseudo code for a feature that suggests the next move to the player, for simplicity I considered the 3x3 board only.

I also explain the use of the min-max and magic square algorithms in this game.

So far, everything is super smooth and I am in my comfort zone, and then the HR round came.....

Round 4: HR Round (Zoom) [40 minutes]

This round is very different for me, the interviewer asked a lot of questions, and I am literally sweating while answering them.

Some of the questions he asked, not in any particular order:

1. Do you play any sport? if yes, which one? if not, why?
2. If given the option, would you like to work as a team lead or a team member?
3. Suppose you're leading a team, and 2 team members of your team need off on the same day but the project requirement doesn't allow that. What will you do in this situation?
4. Why your resume only has technical things, and nothing related to hobbies, etc?
5. Strength and weaknesses
6. Justify your strength with the instance/work
7. What are you doing to overcome your weakness
8. What is more valuable to you? company goal or your individual goals?
9. Tell me about your journey so far.
10. Tell me about your family.
11. What are the questions asked in the previous 2 rounds?
12. You have to plant maximum trees on earth such that they all are equidistant to each other, then what's the maximum number of trees that you can plant on earth?
13. How are online classes going? do you attend them? if yes, what's more, preferable to you? online or offline? if you don't attend them, then why
14. What are the non-academic things you have done in the previous 1-1.5 years?
15. What are you learning right now?
16. If you get the time to open the hashedin website, what are the core values of hashedin?
17. What are your hobbies? how do you manage to take out time for them
18. What are the other rounds you had?
19. Difference between team and group
20. Rate yourself as a leader on a scale of 10.

I somehow survived this round, and got the offer !!

Some pieces of Advice

1. Be pared with your resume and projects
2. Do practice DSA problems, but don't only stick to them. Explore Development technologies too.
3. Be calm and keep on discussing your approach with the interviewer.

Contact Details:

If you want to talk further about this experience or anything else, feel free to connect with me on the following:

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