

Amazon Interview Experience | Set 264 (Experienced for SDE1)

- Difficulty Level : \n[Hard](#)
- Last Updated : \n04 Jul, 2019

I had around 1 year and 9 months of experience. And applied for SDE1

First Round (F2F):

1. What are data structures in which you are most uncomfortable.
2. What is your favorite sorting algorithm. Give a dry run.
3. Heap sort, dry run, Complexity of building heap, prove it.
4. [Lowest Common Ancestor in a Binary Tree](#) , extended for n-array tree.
5. [Sort an array of 0s, 1s and 2s](#) (in single scan)

Second Round (F2F):

1. Tell me about yourself.
2. What is the most challenging project you have done, your contribution.
3. [Convert a given tree to its Sum Tree](#)
4. [Longest K unique characters substring](#)

Third Round (F2F):

1. Tell me about yourself.
2. Most challenging project, why it was challenging, your role in it.
3. [Implement a LRU cache](#), extended for LRU with ttl at each block.
4. [k largest\(or smallest\) elements in an array](#)
5. [Full working code of Dijkstra Algorithm and a dry run.](#)

Fourth Round: Hiring Manager (Telephonic)

- 1 Tell me about yourself, company role and responsibility and many behavioral questions.
 - Your current Group/Team structure.
 - Promotion criteria in your group.
 - Situation when you helped your colleague
 - Situation when you needed help from a colleague.
 - If one of team member is not working or working very slow, how will you handle the situation.
 - When you have trained any colleague.
 - Technology suggested by you in your team.
2. Detailed discussion about previous projects.
3. If you have indefinite budget and indefinite time, what type of project would do ?
4. Design a notification system.

Fifth Round: Bar Raiser

1. Tell me about yourself.
2. [Find smallest positive missing number from an array of positive numbers.](#)
3. Disagreement with your immediate supervisor, how your relation got affected after that disagreement.
4. Your one area which needs to be improved.
5. Your strongest strength.
6. A work in your project which made you proud.

If you like GeeksforGeeks and would like to contribute, you can also write an article and mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

Please write comments if you find anything incorrect, or you want to share more information about the topic discussed above

[All Practice Problems for Amazon !](#)

My Personal Notes\arrow_drop_up

Add your personal notes here

Save