# **Amazon Interview Experience | SDE-2**

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### Round 1:

- 1. Sort an array of 0s, 1s and 2s
- 2. Diameter of Binary Tree
- 3. Nodes at given distance in binary tree

#### Round 2:

- 1. Count of different ways to express N as the sum of 1, 3 and 4
- 2. Find whether it is possible to finish all tasks or not from given dependencies

## Round 3:

1. This round was design round. So interviewer given me problem statement to design an\xc2\xa0shuttl system. Interviewer was expecting\xc2\xa0 I should suggest some features and he was concerned about scalability and complexity ( not in terms of algo, in terms of what if traffic grows 100 times then will your system work).

#### Round 4:\xc2\xa0

1. This round was bar raiser so most of discussion was around micro services architecture and database. He asked me some general questions.

#### Round 5:

1. This round was hiring manager round so most of discussion about work which i have done in past. He was concerned about my approach to solve problem. You must be sure what are you saying.

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