# **Amazon Interview Experience SDE2**

Difficulty Level :\nHard

Last Updated:\n12 Jul, 2019

## Round 1:

- 1. Left View Of Binary Tree
- 2. Largest Sum Contigous Subarray
- 3. Search in a row wise and column wise sorted matrix

# Round 2:

- 1. Minimum number of platform required in a railways bus station
- 2. Print all nodes at distance k from a given node

## Round 3:

- 1. Find Triplets in BST. You are given one number X. You need to print all A, B, C (X == A+B+C)
- 2. Print all palindrome strings (length > 1)
- 3. Partition a set into two subsets such that the difference of subset sums is minimum

## Round 4:

- 1. Discussion about project and challenges.
- 2. Conflicts that raise after your design proposal in your previous projects.
- 3. Design BookMyShow.

#### Round 5:

- 1. Discussion about project and challenges.
- 2. Innovation that help current company.
- 3. Ability for code reviews.
- 4. Netflix and LRU caches design.

## Round 6:

- 1. Discussion about project
- 2. Design Amazon Locker

#### Round 7:

- 1. Discussion about project
- 2. Amazon sell physical product, if amazon starts selling the services and user start buying the services from\xc2\xa0 different vendors (Airtel/Netflix/ ..).

Amazon should start auto renewal of such services at the time of service expiry .

**Ex:-** Customer buy service for car cleaning from any seller (register with amazon) for 300Rs for 30 days . then at the time of its expiry this service should auto renew\xc2\xa0 for next 30 days.

 $xc2\xa0$ 

My Personal Notes\narrow drop up

Add your personal notes her

Save