# **Amazon SDE Interview Experience (3 Aug 2019)**

Difficulty Level :\nMedium
Last Updated :\n05 Aug, 2019

#### Round 1:

Ques 1:- Arrange the Array in alternate increasing decreasing order.

Ques 2:-\xc2\xa0Kth smallest element in a row-wise and column-wise sorted 2d array

## Round 2:

Ques 1:-\xc2\xa0\text{Print the path between any two nodes in a binary tree}

Ques 2:- A infix expression is given how will you evaluate the expression.

Step 1:- Convert infix expression to postfix expression.

Step 2:- Evaluate Postfix expression

#### Round 3:

Ques 1:-\xc2\xa0Check if a Binary Tree is BST or Not

Ques 2:-\xc2\xa0<u>Find the height of Binary Tree</u>

Ques 3:- Two nodes of BST are swapped find the nodes.

xc2xa0

I have given the solution for all the problem except Ques 1 of Round 2, and Solution of Ques 3 of Round 3 is not optimal according to him.

 $xc2\xa0$ 

Final result; - After 3rd round HR told you didn\xe2\x80\x99t clear the interview.

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