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Amazon Interview Experience(2 years Experienced)

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I recently got interviewed in Amazon Chennai for SDE1.

Round1: Was a written round that contains 3 programming question. (Need to write an optimized code).

- [Given a sorted array and we need to make a balanced BST out of it.](#)
- [Given a boolean 2D matrix which is row-wise sorted. Need to print the line which contains maximum no of 1\xe2\x80\x99s.](#)
- [Next larger element](#)

Round2: Was a F2F interview.

- This round is started with the introduction and then a coding question.
  [From a given array print all the unique triplets which add up to zero.](#) The interviewer is expecting a solution in o(n^2 log(n)) or better.

Round3: Was a F2F interview.

- In this round Interviewer discussed in brief about the projects in my current company and about my role in the project.
- Coding question [Given a tree print all the nodes(up and down) which are k distance from a particular node.](#)

Round4: This is a bar raiser round.

- A brief discussion of my current role.
- Given a graph write a function to find if it a tree or not. (Also asked few more graph-related algorithms)
- Few puzzle questions.

Round5: F2F interview.

- Given a lot of strings write a function to find words which are mutually inclusive in most of the strings.
- Then asked a few more question related to the above question.
- Convert a float to a string without using any inbuilt functions.
- Few puzzle questions.\xc2\xa0 And discussion of Projects.

My Personal Notes\n*arrow_drop_up*

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