Microsoft Interview | 17

Difficulty Level :\nMedium

• Last Updated :\n10 Jan, 2019

Recently i was interviewed for Build Team Engg. role in Microsoft hyderabad. I was selected. I am really thankful to GeeksForGeeks site which gave me motivation and will to prepare for the company, with the help of material on the site only I got selected.

Written:-

3 D.S questions

- Rotate an array by K.
- Reverse a link list. If you are able to reverse a link list than reverse the K node\xe2\x80\x99s of link list.
- Find the pair of values in the array whose sum is equal to K.

First Round of interview \xe2\x80\x93

Was asked to come up to an optimal solution for all the above three questions in the written.

Second Round \xe2\x80\x93

Some general discussion about my projects and some curriculum subjects.

• Two numbers are stored in link list, need to add those two number.

I was also asked to write the test case which breaks the code.

• how does the telephone directory search of nokia phone works. If i give a name it should get me the contact number and vice versa.

Third round \xe2\x80\x93

Some general discussion on the projects.

I was asked how search of windows work and asked to give a good indexing scheme for that.

Fourth Round \xe2\x80\x93

Some general HR question like 1. why this company? 2. Why leaving your old company?

- Given an array which contains a number in majority (i.e. A number occurs more than 50% times in the array) need to find it.
- Given an array which is rotated N times(N is unknown), I need to search a number in it.

In each and every question they were looking for an efficient solution and if I was getting stuck somewhere they were also giving hints.

This article is compiled by Love Gupta . Many Many congratulations to Love for his selection. 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.

All Practice Problems for Microsoft!

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