

# Nokia-Interview

**Date : 21-08-2025(Thursday)**

**Place : CUIC, CEG**

PPT – Cognizant Auditorium, CUIC

Online Test – Rusa Lab CUIC – 20-08-2025(Wednesday)

## Round 1 – Technical Round

Virtual Interview Connected to a Interviewer via Teams.

How are you?

Tell me about yourself.

Asked me to send resume in chat box in team. (Always keep resume in lap and mobile)

Which language ? I know C,C++,Java. I am currently using C++ for DSA. So I am strong with C and C++. (Always include Java . But tell him in which language you are most comfortable with)

What is OOPs( Short and Crisp answer is required)

Asked me to present screen but permission is not given I asked him to give permission. He asked me to give request but in teams we can't request permission. So I informed. Then I said shall I type and send in Chat. He said ok.

DSA Question : Reverse of Linked List (While typing explained him the logic – This is very very important)

NOTE:- If the interviewer gave any DSA question and ask to code. First say the logic and then while writing on paper or typing open your mouth and say what each line does.

Eg. `ListNode *prev=nullptr, *curr=head, *next=nullptr.` => I am initializing pointer. Prev for storing previous node's address, curr for current node's address and next for next node's address.

What is polymorphism ?

What is virtual function in c++?

What is signal handlers?

## Round – 2 Technical Face to Face

Do you know about Binary Tree? Ans: Yes

Asked me to implement Binary Search Tree as Class

(He asked me to define struct Node and then class BST (function need to declared only and definition should be outside the class ) He helped me with syntax for writing function outside the class. )

I explained first insert function . Then started to write. As I write I explained him the logic. I made small small mistakes he corrected me. Then I explained delete function logic saying three cases. I wrote little .He asked what will you do for deleting node with two parent. I explained like swap left subtree bottom right node's value with current node's value or right subtree bottom left node's value with current node's value and then delete that node.

He gave clue for getting the terms he expected, he asked what are traversals available . I said inorder preorder postorder. Then I added in BST inorder traversal gives sorted sort. So when deleting a node with two parent swap Inorder predecessor or Inorder successor with curr node.

I wrote 5 to 7 lines he stopped as time was going. Saying I know you can write with little help.

What is size of pointers ? In 32-bit => 4 bytes In 64-bit=>8bytes(learn reason also)

What is static typecasting and dynamic typecasting ( I know typecasting but not this) and some question like auto keyword(answered half)

Interviewer: You know the concepts . You have to brush Up it.

Note:

In Pen paper round , write code explaining the logic also simultaneously. Then will be checking how clear are you in logic and communication. Do not take the pad yourself sit write and show him.

## **HR Round:-**

Tell me about yourself.

Background

How did you come to this college. Whether have you written any entrance exam? => I explained about cutoff calculation in 12<sup>th</sup> mark.

About Hackathon experience.

What is the reason behind other team winning hackathon.

Will to relocate to Bengaluru?

Do you have question for me ? Yes (Always ask some question)

I asked how did you get this job

Thank (I gave her handshake )

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