

## Flipkart - Backend Developer

### Interview Process

- Round 1: Phone Screening
- Round 2: Machine coding
- Round 3: Problem-solving and data structure
- Round 4: System design
- Round 5: Managerial round

### Interview Questions

1. What are the approaches for developing an algorithm?
2. What is the difference between C and C++?
3. What do you understand by database partitioning
4. Write a code to find the number of occurrences of a character in a string.
5. What is inheritance?
6. How does the selection sort work?
7. What is polymorphism?
8. Write a code to find the matching elements in an integer array.
9. What is recursion?
10. What is the difference between local and global variables?
11. Write a code to calculate the number of vowels and consonants in a string.
12. What is a linked list?
13. What do you understand about the binary search tree?
14. Write an algorithm to find the missing number in an array with integers from 1 to 100.
15. Explain the bubble sort algorithm using a code.
16. What effect does variable declaration have on memory?
17. Explain Kadane's Algorithm
18. Search in a Rotated Array
19. 0 - 1 Knapsack Problem
20. Stock buy and sell
21. Finding the middle element in a linked list
22. Left View of Binary Tree
23. Add two numbers represented by linked lists
24. Get minimum element from stack
25. Merge two sorted linked lists