



Jaipur Engineering College and Research Centre

Department of Computer Science

Company Name:	App-Perfect
Candidate Name:	Mr. Kapil Khandelwal
Branch:	Computer Science

Round 1:

This was a computer-based coding round. There was only one question and 2 Hrs was given to solve it. It was a mid-level algorithm question on string permutations. One who codes frequently can easily solve such questions.

Only 13 candidates were shortlisted after coding round.

Round 2:

This was a F2F interview. There were two panels. My interview lasted about 45-50 minutes. The entire interview was based on data-structures, algorithms, and project. Following questions were asked of me: -

- 1) Tell me about yourself.
- 2) What is the angle between hour hand and minute hand when the clock show 3:37.
- 3) Given a string of parenthesis, check whether it is balanced or not (<http://www.geeksforgeeks.org/check-for-balanced-parentheses-in-an-expression>). Two approaches were asked to solve this question.
- 4) How to find the middle element in a circularly linked list (<http://www.geeksforgeeks.org/write-a-c-function-to-print-the-middle-of-the-linked-list/>).
- 5) Describe all your projects.
- 6) A rapid-fire round on "Dockers". (Docker is a technology and I had made couple of projects using it).
- 7) WAP to Check whether two strings are cyclic or not. Eg. ABCDEF and EFABCD are cyclic but ABCDEF and CDABEF are not cyclic.
- 8) How would you program an air-conditioner (AC)? Write all the classes and methods to be used.
- 9) Few questions about searching algorithms and their time complexity.
- 10) Why App-Perfect?

NOTE:- Only pseudo-code were required for ques 3,4,7,8.

Regards

Kapil Khandelwal

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