How did you prepare?

Top topics you prepared? (Mention atleast 5 with comma seperated)

Data Structures: Linked list,Stack,Queue,Trees,etc

OOPS: Inheritence,Polymorphism,Abstraction, Encapsulation,etc

Java: Collection and Streams

Operating System:Threads,Process Management,Memory Management

Database management system: Joins,Normalization,SQL,Transactions(AClD Properties)

Duration Of Preparation(ln months)

5-6 months

Preparation Tips (Mention atleast two tips line seperated)

Tip 1: Have a strong command on basic concepts of every subject

Tip 2: Focus more on competitive programming to get into a good organization don't indulge to much in development because the first step to reach to the interview round is to clear the coding round

Tip 3: Do atleast 2-3 Questions per day and practice daily leetcode challenge

Tip 4: Also practice basic aptitude questions

How did you apply?

Where did you apply?

On Campus

Any eligibility criteria?

7/10 CGPA and above,No Active Backlogs in any semester

Resume Tips(Atleast two)

Tip 1 :Don't mention things in the resume that you don't have full command on you should have complete knowledge of what you mention in your resume

Tip 2:Make your resume short and if you mention projects in your resume be clear about the details of the project even if you have done that in group because the interviewer will surely ask from it Also, mention your role and your contributions to the project.

Why do you think you were shortlisted?

I solved the questions in an optimal manner. In the interview, I answered all the questions by giving appropriate examples. I was confident and honest about everything asked and the interview was quite interactive.

# Number Of Rounds

How many rounds were there?

4

# First Round Details

Round Type

Online - Coding Round

Difficulty Of Round

Medium

Platform- Codility

Location Of Round From your home

Description Of Round

Date Of Round(approx.)

23-8-2021

Duration Of Round(in minutes)

90 minutes

The test was active on (Aug 23, 2021) from 4:15PM to 5:45 PM. The duration of the test is 90 minutes.

The camera and microphone was off.

The test contained 3 coding questions.

Why were you passed/rejected for this round?

I passed this round. In the first problem, my code didn’t pass all the test cases. In the second problem, my code passed all the test cases. In the third problem, my code passed almost half the test cases.

## Problems Data

### Problem 1

Problem Type

DFS

Problem Description/s

Robot room cleaner problem

Tips/Answers for Solving these Problem/Problems

Tip 1 : Practice questions based on DFS

### Problem 2

Problem Type

Data structures

Problem Description/s

Time taken in merging more than two sorted linked lists

Tips/Answers for Solving these Problem/Problems

Tip 1 : Practice questions based on Priority queue

### Problem 3

Problem Type

Mathematical logic

Problem Description/s

Decomposition of a positive integer M in a set of unique integers

Tips/Answers for Solving these Problem/Problems

Tip 1 : Practice questions based on basic mathematical logic( using math library and basic conditional statements)

# Second Round Details

|  |  |
| --- | --- |
| Round Type | Date Of Round(approx.) |
| Video Call | 27-08-2021 |
| Difficulty Of Round | Duration Of Round(in minutes) |
| Medium | 30 minutes |

Topic Of Round

Problem Solving

Description Of Round

The Round started at 9:30 am and ended at 10:05 am approx. We were allocated different panels and the respective links were shared through Gmail. The interviewer was really supportive.

Medium Of Interview

WebEx and Notepad

Why were you passed/rejected for this round?

I cleared this round because I answered all the questions correctly.

## Questions

1. Introduction
2. He asked me about my preferred programming language.
3. Oops and its basic concepts( Inheritance, polymorphism, abstraction, Encapsulation)
4. 2 coding questions- Reversal of an integer and a pattern. I solved both of them correctly.
5. DBMS questions- Primary key, foreign key, constraints in sql.

Tips

Tip 1: While explaining anything,support your answer with an example.

Tip 2: After every round, the interviewer asks if you have any questions for them. Never say “No” . Always ask them any questions that you may have.( example- Feedback, the technologies that the company is currently using etc)

# Third Round Details

Round Type Date Of Round(approx.)

Video Call 27-08-2021

Difficulty Of Round Duration Of Round(in minutes)

Medium 35 minutes

Topic Of Round

Resume based

Description Of Round

The round started at 11:50. We were again allocated a different panel. This round was mainly focused upon my resume.

Medium Of Interview

WebEx

Why were you passed/rejected for this round?

I cleared this round because I thoroughly prepared everything mentioned in my resume and was quite honest about it.

Questions

1. Introduction
2. He gave me an SQL query to solve.
3. Basic questions related to my project( front end and database)
4. Features of my project.
5. Difference between C and Assembly language
6. Difference between C++ and Java
7. Questions about compilation in java( bytecode,jvm,types of compiler etc.)
8. Exceptions in Java.
9. IndexOutOfBound Exception and ClassCast Exception
10. ArrayList in Java.
11. Collection in Java
12. Dynamic array.
13. How to check if two ArrayLists are equal or not?
14. How does Amex work?

Tips

Tip 1: Be thorough with everything mentioned in your resume.

Tip 2: Remain calm and stay confident.

Tip 3: Do some research about the company.

Third Round Details

Round Type Date Of Round(approx.)

Video Call 27-08-2021

Difficulty Of Round Duration Of Round(in

Minutes)

Medium 40-45 minutes

Topic Of Round

HR

Description Of Round

The round started at 12:50. We were again allocated a different panel. This round was totally situation based.

Medium Of Interview

WebEx

Why were you passed/rejected for this round?

I cleared this round because I answered all the questions by sharing some real life examples and incidents.

Questions

1. Introduction
2. Why are you fit for the job?(Try telling them about your soft skills such as Problem solving, Leadership etc and support your answer with some real world examples)
3. Why do you want to work at amex? Give two reasons.
4. She gave me different situations and I answered accordingly.

Tips

Tip 1: Be confident about your answers.

Tip 2: Be truthfulabout anything you are speaking about and try to avoid giving irrelevant answers.

Tip 3: Try to be interactive with the HR manager. Do not sound dull. Always wear a smile on your face.