# How did you prepare?

# Link for 450 questions:

# Operating system sheet to cover topics: <https://whimsical.com/operating-system-cheatsheet-by-love-babbar-S9tuWBCSQfzoBRF5EDNinQ>

# NOTE: (OS -Manisha ma’am (she taught to cs batch) notes are enough)

# Networking sheet to cover topics: <https://whimsical.com/networking-cheatsheet-by-love-babbar-FcLExFDezehhfsbDPfZDBv>

# NOTE: (networking -monica ma’am notes are enough)

# DBMS sheet to cover topics: <https://whimsical.com/dbms-roadmap-by-love-babbar-FmUi8ffVop33t3MmpVxPCo>

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# NOTE : ABHAY SIR NOTES ARE THE BEST!! (for last minute study top dbms interview questions from gfg)

# OOPS(c++): <https://whimsical.com/object-oriented-programming-cheatsheet-by-love-babbar-YbSgLatbWQ4R5paV7EgqFw>

# NOTE: MANJEET SIR NOTES ARE THE BEST!! ( YOU CAN READ JAVATPOINT SITES NOTES TOO)

# FOR DATASTRUCTURES: Topics(stack,queue,heap,binary search) : <https://www.youtube.com/channel/UC5WO7o71wvxMxEtLRkPhiQQ>

# FOR DATA STRUCTURE : Topics(binary tree,binary search tree,tress basics,graph)

# <https://www.youtube.com/c/FitCoder/playlists>

# FOR DYNAMIC PROGRAMMING:

# <https://www.youtube.com/channel/UC5WO7o71wvxMxEtLRkPhiQQ>

# PLATFORMS I USED FOR CODING: MAINLY LEETCODE AND SOMETIMES GFG

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### Top topics I prepared?

Data Structures: Trees,Linked List,Stack and Queue,Graph

OOPS: Inheritance ,Polumorphism( Majorly) , All notes shared By Manjeet Sir are much helpful

Java: Interfaces,Collection And Streams

Operating System:Threads,Scheduling Techniques,Syncronisation,Semaphores,Memory Management,Virtual Memory(Notes provided By Manisha ma’am are more then sufficient)

Database management system: Joins,NormaIization and Transactions(ACID Properties) SOLID Principles (Abhay sir’s DBMS pdfs & notes are more then sufficient)

Duration 0f Preparation(In months)

2.5 months(for coding ) and for core subjects be focused on academics no need to take extra time.

Preparation Tips (Mention atleast two tips line separated)

Tip 1 :Make your basics strong don’t run after new technologies as a fresher companies wants your good command on DSA 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.

Tip 4: Core subjects and projects can take make yor crack interview rounds.

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

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.

**Why do you think you were shortlisted**?

1:Because I was clear with my projects thororughly and with core subjects specially .

2:Coding questions even if you are not able to run that code try to explain your approach to interviewer. This works. And helps you to go for further rounds.

Number Of Rounds

## How many rounds were there?

4

# First Round Details

Round Type

Online - Coding Round

### Difficulty 0f Round

Medium

Platform

Codility

Location 0f Round

From your home

#### Date 0f Round

23-August-2021

Duration 0f Round(in minutes)

2 hrs



#### Description 0f Round

The test was active on (August 23 , 2021) from 4:00 PM to 06:00 PM. The duration of the test is 120 minutes. The candidate should complete the test by 6.00 PM.

The camera and microphone was not opened .Also ypu have the right to run your code on online platforms.

Why were you passed/rejected for this round?

I passed in this round basically the major challenge was to manage time solve questions quickly I was able to do 2 questions fully and 1 I did half.. internal test cases were hidden you couldn’t identify whether your code is working fine for all test cases or not.

Coding Questions

2 medium

1 hard.

**ROUND 2**

Technical round 1:

Tell me about yourself,explain your project,1 coding question on c++,1 java based output question,

Basic of data structure ,what are trees explain all trees,what is stack ,queue, difference between deque and queue,

**Since I had mentioned all core subjects in my resume interviewer asked me more about core subjects.**

Networking: Explain OSI layers Functionality Of Transport Layers.

Os :Which one is better premptive or non premptive kernel,scheduling algorithms ,virtual memory concept

DBMS,SQl :Transaction,locks,primary keys,foreign keys,indexes.

1 sql query to find second highest salary from employess table.

**Round 3**

**Technical+Managerial**

Explain Projects.What are the difficulties you faced during project,

**I had mentioned in my resume I was the cr , troop commander in bsd,team lead in internship project.**

So this actually helped me during interview he asked me many question relate to team lead,

Then one question was you are given with financial list of employess you have to make databse for client what are the number of question you will ask your client.

SQL based question I did my 6 sem project in java(using derby database) and internship project in php(my sql) . so question was why derby for java project why not mysql.

1 coding question to debug whether there is some mistake if yes what is it? If not how can this be optimized.

**Round 4**

**Technical+HR+Managerial**

Project related question ,sql related question (I had worked more on databse in my projects so more on sql )

Why amex?

If you are given with some task how would you prefer to complete it?

If there 2 people along with you working in same tasks and all of you are in different countries how would you manage?

Some more questions were asked hr based.

NOTE: I haven’t mentioned anything extra in my resume , just core subjects,2 projects and langauages known c,c++,hava

Web based html,css, team lead experience.

Be confident on whatever you have mentioned in your resume.