ACADEMIC YEAR 2025-26

STUDENT FEEDBACK

Student Name : S.Nilesh

Roll number : 71762207030

Department : B.Tech Information Technology

Personal email id : snileshofficial@gmail.com

Contact number : 9994390896

Company name : Mobicip

Company type : IT

Salary (ctc) : 15000(Intern Stipend) + 8 LPA(FTE)

Intern offered : YES

Bond :NO

COMMENTS ON SELECTION PROCESS:

ROUND 1

Platform used: Written test (1 hour)

Round details: The first round was a written test consisting of 20 questions. The test was divided into two sections:

1. Quantitative Aptitude & Logical Reasoning & puzzle.

2.C Programming concepts.

Topics/Areas Covered:Speed (upstream, downstream) and distance, probability, camel and

banana puzzle and C programming concepts such as pointer, bitwise operations, recursion

output prediction.

Your Comments:

The test was challenging but well-structured, covering both aptitude and C programming concepts. The aptitude section had tricky problems like the "Camel and Banana Puzzle".The C pointers section was more straightforward, focusing on pointer and union. A solid understanding of pointer-related concepts in C programming is essential for this round. If

you are preparing for such a test, practicing with various puzzle-type questions and strengthening your C programming fundamentals (especially pointers) will be really helpful.

Did you clear this round? **Yes**

Details about questions on 1ˢᵗ round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
PUZZLE	Camel and Banana Puzzle (A person has 3000 bananas and a camel. The person wants to transport the maximum number of bananas to a destination that is 1000 km away, using only the camel as a mode of transportation. The camel cannot carry more than 1000 bananas at a time and eats a banana every km it travels. What is the maximum number of bananas that can be transferred to the destination using only a camel?)	**NOT SOLVED**	https://www.geeksforgeeks.org/aptitude/puzzle-15-camel-and-banana-puzzle/

ROUND 2 : Technical Interview 1

Platform used: Offline, one-on-one (in person)(1 hour)

Round details:

This round was a technical interview consisting of 2 main parts:

- The first part was based on the questions from the previously written test. The interviewers asked me to solve the unsolved questions from the written test, and they provided hints to guide me towards the solution. They focused on how well I understood the problem and how effectively I could solve it with their hints. This round was more about demonstrating problem-solving skills and how I approached new challenges.

- The second part involved a DSA (Data Structures and Algorithms) problem, where I was asked to solve the "Merge Overlapping Intervals" problem.

Topics/Areas Covered:

1.Problem-solving (based on previous written test questions)

2.Data Structures and Algorithms (specifically intervals, merging overlapping intervals)

Your Comments:

The interview was more interactive and focused on how I think and solve problems rather than just technical knowledge. The interviewers provided helpful hints during the question-solving part, which made me feel supported while solving the problems. The key to clearing this round is demonstrating your ability to think logically, ask the right questions, and use hints effectively. For the DSA part, it's crucial to have a good grasp of basic data structures like arrays and lists, and be comfortable with algorithms involving merging intervals.

Did you clear this round? **Yes**

Details about Questions on 2nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Written Test Follow-up (Problem-solving)	Solve the unsolved question from the written test.	**I approached the problem by breaking it down step-by-step, focusing on understanding the logic of the solution before jumping into answer.asked more hints to solve the problems .**	Practice problems which you have in your written test and prepare those questions.
Data Structures and Algorithms	Merge Overlapping Intervals	**I solved the problem by first sorting the intervals by their start times and then merging intervals that overlapped. If the start time of the next interval was less than or equal to the end time of the current interval, I merged**	https://leetcode.com/problems/merge-intervals/description/

		them. I kept track of the intervals using an arraylist and updated the end time when merging.	

Areas to prepare :

Understanding of Data Structures and Algorithms (DSA), with a focus on intervals, arrays, and sorting.

Practice solving problems in a time-constrained environment to simulate the interview experience.

Prepare the questions which are in the written test.

Sites / books you suggest for preparation for the process :

1.Strivers A to Z sheet (solve problems on leetcode which is available in this sheet).

Overall experience :

The overall experience was very positive. The interviewers were supportive, and the process allowed me to demonstrate my problem-solving skills. The DSA question was challenging but manageable, and I appreciated the opportunity to work through it with hints from the interviewers.

General tips:

- Focus on understanding the problem rather than just jumping into the solution.
- Don't be afraid to ask for hints; they are there to guide you.
- Practice solving problems on platforms like LeetCode and GeeksforGeeks.
- Keep a calm mind and think step-by-step through the problem before attempting to code.
- Think about all possible edge cases when solving problems. Write all your solutions on a sheet—this sheet is very important, so make sure to write neatly and clearly. They will pin it with your resume and send it to the next round of interviews. The questions in the next round will be based on what you write in this round.

ROUND 3 : Technical Interview 2

Platform used:Offline, one-on-one (in person)

Round details:

Duration: **2 hours 15 minutes**. Deep dive into my projects. I drew the **full architecture**

diagram and explained every module and data flow. Many follow-up questions, especially on the **vector database** I used (complete working).

DSA tasks included **merging two sorted arrays** (first with an extra array, then **in-place**). Coding task: **implement Stack using Linked List** with all edge cases.

OOP theory + code: **class/object, inheritance, interface, polymorphism, encapsulation, abstract class, static, final, super**, with follow-ups on each.

Topics/Areas Covered:

Project walkthrough + architecture & module-level design

Vector databases: embeddings, indexing, similarity search, updates, filtering

DSA: arrays, two-pointer techniques, in-place merging,stack using Linkedlist

OOP in depth (with examples and trade-offs)

Your Comments:

Very thorough and interactive. They test how you explain, draw, and reason, not just final answers. Be ready for follow-ups, trade-offs, and edge cases. Clear diagrams and step-by-step thinking helped a lot.

Did you clear this round? Yes

Details about Questions on 3 rd round:

This was my second Technical interview(Round 3 overall)

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Projects	Explain your projects end-to-end; draw architecture; detail each module; deep dive on the vector database (how it works).	**Draw the full architecture diagram** **For vector DB: explained embedding generation (text → vector)** **Answered follow-ups on when to choose vector DB vs. relational.**	

DSA	Merge two sorted arrays 1. **With extra array** 2. **In-place**: `nums1` has size `m + n`; merge `nums2` into `nums1` sorted.	**In-place method (two pointers from the end)**	https://leetcode.com/problems/merge-sorted-array/description/
Coding	Implement **Stack using Linked List** with all edge cases	**Defined `Node { value, next }` and a `top` pointer.** **Implemented `push`, `pop`, `peek`, `isEmpty`, `size`.** **Edge cases: pop/peek on empty stack (underflow).**	https://youtu.be/tqQ5fTamIN4?si=ZlEL30v7UqI_YJzR
OOP	Explain all the oops concepts in detail and asked me many follow up questions in each concept. Follow up questions : static ,final ,super,dynamic memory dispatch,access modifiers ,explain all in detail	**Explained and code examples for: class/object, inheritance, interface, polymorphism (compile-time/run-time), encapsulation, abstract class.**	TELUSKO & KUNAL KUSHWAHA OOP tutorials

Areas to prepare :

Be able to **draw your project architecture** and explain **every module** and **data flow**.

Vector DB basics: embeddings, similarity search(because i used these in my projects).

Two-pointer patterns (array merges, in-place), **linked lists**, **stacks/queues**.

OOP concepts with short code examples and real use-cases.

Practice writing **clean, readable code** and stating **edge cases** out loud.

Sites / books you suggest for preparation for the process :

LeetCode / GeeksforGeeks – DSA practice.

Strivers A to Z sheet .

Telusko and Kunal Kushwaha – clear OOP, Java, and CS fundamentals.

Overall experience :

Intense but fair. The panel was curious and supportive, with many **why/how** follow-ups. Clear diagrams, neat code, and systematic thinking made a big difference.

General tips:

Know your projects in detail.

Think aloud and handle edge cases.

Write neat code with proper naming and checks.

If stuck, state your plan, ask for a hint, and iterate.

Keep answers simple and structured.

ROUND 4 : Technical Interview 3

Platform used: Offline, one-on-one (in person)(45 minutes)

Round details:

This was a **45-minute** technical interview focused on **puzzles, problem-solving, cloud knowledge, and deeper DSA concepts**. The interviewer started with puzzle questions, then moved to cloud deployment steps (AWS Cloud Practitioner knowledge), followed by advanced DSA problems and vector database follow-ups.

Topics/Areas Covered:

Puzzles: Logical and mathematical reasoning,
Cloud Computing: AWS project deployment steps(i mentioned in my resume)

DSA: Graph problems (Number of Islands, Number of Islands II)

Your Comments:

This round focused more on **problem-solving depth, clarity of explanation, and breadth of technical knowledge**. The interviewer tested my **logical reasoning** with puzzles and checked my **hands-on understanding of AWS**. They also evaluated **graph algorithms and vector database knowledge** at a deeper level. Confidence, step-by-step reasoning, and explaining your thought process clearly were key.

Did you clear this round? Yes

Details about Questions on 4 th round:

This was my third Technical interview(Round 4 overall)

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Puzzles	Three sailors gather coconuts. At night, each sailor (one after another) takes half the pile plus half a coconut (the monkey gets the other half). After all three have done this, 1 coconut remains. Question: What was the smallest number of coconuts originally?	**Solved bottom-up: Started from 1 coconut remaining and worked backward to find the minimum starting number.** **Carefully considered that each sailor took half plus half a coconut (given to the monkey), repeating this process three times.**	
Puzzles	Represent days of the month (1-31) using **two six-sided dice**, labeling them with digits 0-9.	**Explained that to display numbers like 01, 02, …, 31, we'd need 0 on both dice.** **Started mapping digits across dice but didn't fully complete it in time.**	https://www.geeksforgeeks.org/aptitude/puzzle-23-days-of-month-using-2-dice/

Cloud Computing	Explain **steps to deploy a project in AWS Cloud**.	**Discussed basic AWS services (EC2,AMI, S3).** **Steps: Launch EC2 → Install dependencies → Configure security groups → Deploy app →**	AWS Cloud Practitioner course (GeeksforGeeks).
DSA	They asked me to choose a challenging problem that I have solved . so i choose the number of islands from leetcode. follow up question : They asked me if there is a possibility of moving in 8 directions ,what will you do	**I wrote the code and explained every iteration and explained the complete logic.** **and also solved the follow up question .**	https://leetcode.com/problems/number-of-islands/description/

Areas to prepare :

- **Puzzles:** Practice logic/math puzzles (especially reverse reasoning and representation problems).

- **Cloud:** Step-by-step deployment process on AWS (EC2, IAM, VPC, S3).

- **Vector DBs:** Internal workings.

Sites / books you suggest for preparation for the process :

LeetCode

GeeksforGeeks Puzzles section

AWS cloud practitioner course from geeks for geeks

Striver A to Z sheet

Overall experience :

Short but intense. This round was more about **how you think** than solving everything perfectly. Logical reasoning and hands-on AWS knowledge were tested. The interviewer appreciated honesty (e.g., admitting I'd seen the Camel-Banana solution) and valued **structured thinking** over perfect answers.

General tips:

Don't panic if you can't fully solve a puzzle; reasoning matters a lot.

Be honest if you've seen a problem before; they'll switch to something new.

Always explain your thought process out loud.

ROUND 5 : HR Interview

Platform used: Online .

Round details: General HR(30 minutes).

Topics/Areas Covered: Questions about our family background and educational background

Your Comments: Learn about the company.

Did you clear this round? Yes

Areas to prepare :

1. C programming

2. General aptitude

3. DSA

4. Puzzles

5. Projects in your Resume.

Sites / books you suggest for preparation for the process :

Leetcode , Indiabix, Geeks for Geeks, Striver

Overall experience : Overall it was a great experience ,as they do not expect you to answer all the questions correctly they focus on the thinking and problem solving skill

General tips:

1) Have a strong understanding of DSA

2) Know everything about the projects you put in your resume including all technologies you used in your project

3) Be confident while answering the questions, even if you don't know answer to a question, tell them you are unable to answer it and ask them if you can give it a try.

ACADEMIC YEAR 2025-26

STUDENT FEEDBACK

Student Name : AATHAVAN B

Roll number : 71762205063

Department : B.E.CSE

Personal email id : aathavanb02@gmail.com

Contact number : 9894046166

Company name : MOBICIP

Company type : IT

Salary (ctc) : 8 LPA

Intern offered : YES

Bond : NO

COMMENTS ON SELECTION PROCESS:

ROUND 1

Platform used: Offline Quiz

Round details: 10 general aptitude and 10 technical aptitude questions

Topics/Areas Covered: Speed (upstream, downstream) and distance, probability, camel and banana puzzle and C programming concepts such as pointer, bitwise operations, recursion output prediction.

Your Comments: Basic understanding of C programming concepts and some knowledge in general aptitude is enough to clear this round, also read the question properly before answering as there is a chance for silly mistakes.

Did you clear this round? **Yes**

ROUND 2 : Technical Interview

Platform used: Offline

Round details: Technical HR 1

Topics/Areas Covered: Questions asked on first round and some basic programming questions.

Your Comments: After completing first round, learn solution for all the problem in first round and concepts related it.

Did you clear this round? **Yes**

Details about Questions on 2nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Aptitude	Around 7 problems from round 1	**Explained the solution by writing the solutions along with diagrams to visualize.**	
C Programming	Around 8 problems from round 1	**Explained the solution by doing a rough dry run on paper.**	
C Programming	Asked questions on double pointer as I have solved a pointer question in round 1, asked about dangling pointer	**Explained the concept of pointer with examples and didn't answer about dangling pointer as I forgot it,the interview then explained it to me**	https://www.indiabix.com/c-programming/pointers/038001

ROUND 3 : Technical Interview

Platform used: Offline

Round details: Technical HR 2

Topics/Areas Covered: Questions asked on basic programming questions and resume.

Your Comments: Learn about the technology mentioned in your resume, also learn DSA, also when solving a problem explain what you are solving so that the interviewer can understand your thinking process.

Did you clear this round? **Yes**

Details about Questions on 2nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Projects	Asked about project , and asked technical questions related to it	**Explained the logic but could not answer every question but I answered honestly that I didn't fully do the project and used internet resources to complete it.**	
SQL	Second Highest Salary	**Explained the solution by using order by with offset and limit**	https://www.simplilearn.com/tutorials/sql-tutorial/second-highest-salary-in-sql#:~:text=Output%2D,is%20the%20second%20highest%20salary.
SQL	Question related to Joins	**Explained the concept of joins**	https://www.w3schools.com/sql/sql_join.asp

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
DSA	Find the second highest missing number in a consecutive array with three missing number.	**First explained the normal approach to run a for loop and find the solution, Next I tried to solve it in Binary Search and was able to derive the solution gradually.**	

ROUND 4 : Technical Interview

Platform used: Offline

Round details: Technical HR 3

Topics/Areas Covered: Questions asked on Projects and some basic programming questions.

Your Comments: Learn about the technology mentioned in your resume.

Did you clear this round? **Yes**

Details about Questions on 2nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Projects	Asked about project, and asked technical questions related to it	**Tried my best to answer the question but couldn't answer all the questions**	
DSA	Implement a Stack data structure	**Implemented a stack data structure with all edge cases.**	https://www.geeksforgeeks.org/dsa/implement-stack-using-array/

DSA	Implement a Queue data structure	**Implemented a Queue data structure with all edge cases.**	https://www.geeksforgeeks.org/dsa/array-implementation-of-queue-simple/
DSA	Asked to explain the question solved on previous round.	**Explained the binary search approach and did a dry run on sample input**	
Puzzle	Three sailors gather coconuts. At night, each sailor (one after another) takes **half the pile plus half a coconut** (the monkey gets the other half). After all three have done this, **1 coconut remains**. **Question:** What was the smallest number of coconuts originally?	**Tried solving the puzzle step by step showing my thinking but didn't get the answer**	https://people.sc.fsu.edu/~jburkardt/fun/puzzles/coconut_solution.html?utm_source=chatgpt.com

ROUND 5 : General Interview

Platform used: Offline

Round details: General HR

Topics/Areas Covered: Questions asked on Internship and questions about our family background and educational background

Your Comments: Learn about the company.

Did you clear this round? **Yes**

Areas to prepare :

1. C programming

2. General aptitude

3. DSA

4. Puzzles

5. Projects in your Resume.

Sites / books you suggest for preparation for the process :

Leetcode , Indiabix, Geeks for Geeks, Striver

Overall experience : Overall it was a great experience ,as they do not expect you to answer all the questions correctly they focus on the thinking and problem solving skill

General tips:

1) Have a strong understanding of DSA

2) Know everything about the projects you put in your resume including all technologies you used in your project

3) Be confident while answering the questions, even if you don't know answer to a question tell them you are unable to answer it and ask them if you can give a try.

ACADEMIC YEAR 2025-26

STUDENT FEEDBACK

Student Name : NIRMAL K

Roll number : 71762205093

Department : B.E - Computer Science and Engineering

Personal email id : kathirvelnirmal@gmail.com

Contact number : +91 7397552237

Company name : Mobicip

Company type : IT

Salary (ctc) : 8 LPA

Intern offered : Yes

Bond : No

COMMENTS ON SELECTION PROCESS:

ROUND 1 :

Platform used: Offline Test

Round details: Aptitude Round (1 Marks) - 20 Questions

Duration: 1 hr

There were 2 parts :

1. Part 1 : General Aptitude (10 Questions)
2. Part 2 : C - Program Snippet (10 Questions)

Topics/Areas Covered:

1. Part 1 : General Algebra, Word Problems, Puzzles, Venn Diagram Sums, Time and Speed, etc. (Camel Problem (3000 bananas and 1000 km transport) is important question)
2. Part 2 : C - Program snippet => Output has to be determined (bitwise, recursion, pointer, dry run on variables).

Your Comments:

Be very fast in answering the questions and also make sure you prove the right answers. Your answers are very important for the further rounds.
I scored 11 marks only, but I solved in equal weightage i.e 5 in part 1 and 6 in part 2. That was the reason I was able to clear the round.

Did you clear this round? : **Yes**

ROUND 2 : Technical Interview (L1)

Platform used: Offline

Round details: One-on-One Interview

Duration: 2.5 hrs

Topics/Areas Covered: Project and DSA

Your Comments: Be very confident with your answers

Did you clear this round? **Yes**

Details about Questions on 2nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Project	Explained each of my project		
DSA	Count Ways Problem	**I used recursion to solve this problem. But can be done more optimally using DP.**	
Puzzle	101 coins - there is 1 fake coin Find whether that fake coin is heavier or lighter than the original ones	**I did not give the right answer.**	

Areas to prepare : DSA and be ready to explain your projects in detail.

Sites / books you suggest for preparation for the process :

Strivers and Leetcode

ROUND 3 : Technical Interview (L2)

Platform used: Offline

Round details: One-on-One Interview

Duration: 3 hrs

Topics/Areas Covered: Project and DSA

Your Comments: Be very confident with your answers

Did you clear this round? **Yes**

Details about Questions on 3ndround:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Project	Explained each of my project		
DSA	Merge two sorted array (in-place).	**I used 2 pointer approach.**	
DSA	First non-repeating character in a string.	**I used ordered map to count the frequency of each character and traversed the map for the element with count 1.**	
DSA	Nth element from last in a linked list	**I used fast and slow pointer. Slow pointer is at head and fast pointer is n nodes ahead. Now move the slow and fast pointers by each node ahead until**	

		fast pointer reaches end and thus the first slow pointer will be pointing n-th element from last.	
DSA	Remove the given value from Linked List.	**Used normal approach =>** **node->next = node->next->next**	
DSA	Insertion Sort	**I wrote the insertion sort algorithm.**	
DSA	Add node at the end of linked list	**Traverse and find the last node of LL and add the new node to its next.**	
Puzzle	1000 coins and 10 bag problem.	**I did not give the right answer.**	

Areas to prepare : DSA and be ready to explain your projects in detail.

Sites / books you suggest for preparation for the process :

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ROUND 4 : Technical Interview (L3)

Platform used: Offline

Round details: One-on-One Interview

Duration: 3 hrs

Topics/Areas Covered: Project and DSA

Your Comments: Be very confident with your answers

Did you clear this round? **Yes**

Details about Questions on 2ⁿᵈround:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Project	Explained each of my project		
DSA	Asked me to optimize the solution that was asked in the previous interviews.	**Tried my best in optimizing because after completing my previous interviews and referred the optimal answers for the questions that was asked to me.**	
Puzzle	Camel and 3000 bananas and 1000 kms problem.(Asked from the previous inteview)	**I did not give the right answer.**	

Areas to prepare : DSA and be ready to explain your projects in detail.

Sites / books you suggest for preparation for the process :

Strivers and Leetcode

Overall experience :

Interviewer was very friendly and gave me hints in order for me to solve the problem.

General tips:

Try to directly give the optimal solution as it would not waste the time and will provide a good impression.

Be always ready to answer the questions from the previous rounds because they will be having all the necessary information from the previous rounds.

ACADEMIC YEAR 2025-26

STUDENT FEEDBACK

Student Name : Siddhaarth R

Roll number : 71762205109

Department : BE Computer Science and Engineering

Personal email id : siddhaarthrk@gmail.com

Contact number : 6384513399

Company name : Mobicip

Job Designation : R&D Software Engineer

Company type : IT (NON DREAM)

Salary (ctc) : 15,000 (Intern Stipend) + 8 LPA (FTE)

Intern offered : YES

Bond :NO

COMMENTS ON SELECTION PROCESS:

Gentle reminder : ** Give your best in Each round ,because they will maintain the cumulative records of all the answers given in each rounds.**

ROUND 1

Platform used: Offline written test

Round details: 10 General Aptitude and 10 Technical Aptitude questions(C programming code snippet)

Duration : 1 HR

Topics/Areas Covered:

- General Apti(Related to Ratios , Average, Percentage , Speed (upstream, downstream) and distance, Time and Work, camel and banana puzzle etc..)
- Technical Apti(C pointers , Union and Structs ,bitwise operations)

Your Comments:

There is No Negative Marking so try to Answer Every Question.

I scored 13 out of 20. To improve, focus on solving the easier questions first to increase your chances of scoring well. A basic understanding of C programming concepts and some general aptitude is enough to clear this round. Make sure to read each question clearly.

Apti also consists of GeeksforGeeks puzzle questions aswell.

Did you clear this round? **Yes**

Details about questions on 1ˢᵗ round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Quantitative Aptitude	Bowl S only contains marbles. If 1/4th of the marbles were removed, the bowl would be filled to ½ of its capacity. If 100 marbles are added, the bowl would be full. How many marbles are in bowl S?	Always try to form Equations for these type of questions to solve easily	
Quantitative Aptitude	Questions based on Averages and Ratios , etc.. Every questions were Scenario based.		https://www.indiabix.com/aptitude/questions-and-answers/
C programming	Program on Union, where values are assigned to data types and asked the final value in that Memory for that union.		
C programming	Pointers and basic Recursion flow based question		https://www.indiabix.com/c-programming/pointers/
Puzzle	A frog is jumping out of a well 30 ft. deep. Each day morning he jumps 3 feet and slips two feet back at night . When does the frog will reach the top of the well (out of the well)?		Problem link

ROUND 2 : Technical Interview

Platform used: OFFLINE

Round details: TECHNICAL INTERVIEW-1

Topics/Areas Covered: Questions from Round 1 Aptitudes

Duration : 1 HR 30 mins

Your Comments:

- Questions from the 1st Round were asked to see our approach to that particular questions and changed the values and scenario as well.
- Some DSA problems as well.

Did you clear this round? **Yes**

Details about Questions on 2nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Aptitude	A boat running downstream covers a distance of 16 km in 2 hours while for covering the same distance upstream, it takes 4 hours. What is the speed of the boat in still water? They gave me about 7–8 questions like this from qualitative aptitude, even including the ones I got wrong before.	Explained the solution by writing the approach And also they changed the conditions of working by A and B	
C Programming	They asked me a question on Union, followed by the difference between Union and Struct. Also on Storage Classes of C . (Around 5 to 6 Questions were asked from Previous round)		
DSA	1.Merge two sorted array.	**Try to provide the answer from brute**	**https://leetcode.com/problems/me**

		force to Optimal.	rge-sorted-array/description/
DSA	2.Find nth Node from the end of the Linked List.		**https://leetcode.com/problems/remove-nth-node-from-end-of-list/description/**

ROUND 3 : Technical Interview

Platform used: OFFLINE

Round details: TECHNICAL INTERVIEW-2

Topics/Areas Covered: DSA and Leetcode Problems

Duration : 1 HR 20 mins

Your Comments:

- In this Round we will be asked to solve the DSA Questions , try to convey your logic and thinking process to the interviewer clearly.
- We are asked to solve and **write the entire code** in a paper.
- And some Questions from Resume.

Did you clear this round? **Yes**

Details about Questions on 3nd round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Projects	Asked to explain my Internship project.	**Explained my Project workflow and architecture.**	
DSA	Maximum sum of a subarray of size k.	**I gave my Approach from the brute to Optimal** **1.n*k** **2.Sliding Window**	https://www.geeksforgeeks.org/dsa/find-maximum-minimum-sum-subarray-size-k/
DSA	Trapping Rainwater	**Initially gave a logic ,but they asked to optimise the logic so I**	https://leetcode.com/problems/trap

		have further optimised by using greedy approach. **Try to Handle all the edge cases as this question have multiple edge cases** **Also asked do dry run to explain your code.**	ping-rain-water/description/
DSA	Gave two doubly linked list and asked to return the sum of them	**Traversed the two lists to reach the end and started to sum the respective values .** **(Used Carry variable)**	https://leetcode.com/problems/add-two-numbers/description/ (Similar to this question but in doubly linked list)

ROUND 4 : Technical Interview

Platform used: OFFLINE

Round details: TECHNICAL INTERVIEW-3

Topics/Areas Covered: Projects , DSA and Questions from all the previous rounds,Puzzles .

Duration : 45 mins to 1 HR

Your Comments:

- This Round basically started with the recap of all the previous Round Questions
- Questions from Internship Project and DSA.
- Prepare Puzzle type questions.

Did you clear this round? **Yes**

Details about Questions on 4ⁿᵈ round:

DOMAIN	QUESTION	Your Approach / Solution	REFERENCES (If any)
Projects	Asked about my Internship experience and project.	**Explained my Project workflow and architecture.**	
Aptitude	A person has 3000 bananas and a camel. The person wants to transport the maximum number of bananas to a destination that is 1000 km away, using only the camel as a mode of transportation. The camel cannot carry more than 1000 bananas at a time and eats a banana every km it travels. What is the maximum number of bananas that can be transferred to the destination using only a camel (no other mode of transportation is allowed) My ans:500 Correct ans:533 (Always try to convey your thought Process)	**I haven't solved that question in my 1ˢᵗ round ,so he asked me to solve the question** **I gave my logic but I am pretty sure that it wasn't the correct answer . but Interviewer only saw my approach and logic and moved to next question**	https://www.geeksforgeeks.org/aptitude/puzzle-15-camel-and-banana-puzzle/
DSA	Trapping Rainwater	**Asked to solve the Trapping rainwater again , to check if I have handled all the possible and edge cases and to test my understanding of that question**	https://leetcode.com/problems/trapping-rain-water/description/
DSA	1.Insertion in Binary Search Tree	**1. I have done the insertion at the**	1.https://leetcode.com/problems/ins

	2.Search in BST.	**leaf node which will be easier than disturbing the other nodes and its arrangements.** **2. in the same code I have changed the return type (Boolean) and base case to search in BST .**	ert-into-a-binary-search-tree/description/ 2.https://leetcode.com/problems/search-in-a-binary-search-tree/description/
Follow up Question from BST	How does recursion works . Stack usage in Recursion, stack overflow , stack rewind, functionality of stack in C memory layout (As I have provided the Recursive Approach for the previous BST question)	**Memory Layout and Stack basics .**	
Puzzle	How can you represent days of month using two 6 sided dice? You can write one number on each face of the dice from 0 to 9 and you have to represent days from 1 to 31	**CUBE 1 : 0,1,2,3,4,5** **CUBE 2 : 0,1,2,6,7,8** **(9 is 6 upside down)**	https://www.geeksforgeeks.org/aptitude/puzzle-23-days-of-month-using-2-dice/

Round 5:General HR Interview

Platform : Google Meet

Round details :General HR Interview

Areas covered : general questions

Duration: 25 mins

Your Comments: Learn about the company.

The HR asked about the company and also 1.my family background 2.My Hobby 3.Why CSE, Why CIT ? 4.Interview Process Experience .

Did you clear this round? **Yes**

Areas to prepare :

1.Qualitative Aptitude

2.C Fundamentals and Pointers

3. DSA & Problem Solving (Leetcode and Gfg Questions)

4.Puzzles.

5. Projects in your Resume

Sites / books you suggest for preparation for the process :

For DSA and Problem solving :

1. Striver Sheet - https://takeuforward.org/strivers-a2z-dsa-course/strivers-a2z-dsa-course-sheet-2
2. GeeksforGeeks- https://www.geeksforgeeks.org/blogs/geeksforgeeks-practice-best-online-coding-platform/

For Puzzles - https://www.geeksforgeeks.org/aptitude/top-100-puzzles-asked-in-interviews/

Programming Java and OOPS – Kunal Kushwaha

Overall experience :

They are only try to know about your logical and problem solving ability and also all the HRs were friendly so it helped me a lot while problem solving.

General tips:

1 . Have a strong knowledge in any coding language , DSA and logical thinking

2. Be strong with your resume.

3. Make sure you don't get tired, as each interview round lasts about 2 hours.

"AS LONG AS YOU ARE CONSISTENT, THERE ARE AN INFINITE NUMBER OF CHANCES."

ALL THE BEST ☺