



# COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

## PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : Abiona Daphne

ROLL NUMBER : 1631002

DEPARTMENT : M.Sc. Software Systems

EMAIL ID : abionadaphnedoss@gmail.com

CONTACT NUMBER : 8072491424

COMPANY NAME : Gain Credit

COMPANY TYPE : CORE

JOB DESIGNATION : Software Engineer I

SALARY (CTC) : 8.98

INTERN OFFERED ? : Yes

BOND : No

HAVE YOU PLACED ? : Yes

## COMMENTS ON SELECTION PROCESS :

### 1. Online Coding Test :

This Round consisted of two coding questions to be solved within a given time limit.

1. Find the minimum Time in which a set of jobs with dependencies could be completed by a given number of employees.
2. Find the number of sub matrix combinations possible with all 1s from a matrix of 0s and 1s

### 2. Code Review: (1 hour approx.)

In this Round the candidate is asked to explain the code written line by line and to explain why a particular approach was chosen.

The candidate is also expected to make necessary modifications asked (Eg. Modify the code to find the numbers of "Square" sub matrices of all 1s)

The code should be optimised as much as possible with respect to both space and time.

You might also be asked to come up with a completely different approach from start.

### 3. Technical Interview: (1 hour approx.)

This round was combined with the Code Review Round(Usually held as separate Rounds).

Questions were from the following Areas/Topics:

1. Topics provided in Area of Interest
2. Data Structures (especially Linked List , Graphs )
3. Python concepts
4. Operating System
5. Problem solving( Writing Pseudo code mostly, Was not asked to code )
6. Questions from Projects
7. Puzzles(Two Questions - Medium level difficulty)
8. Aptitude – Data sufficiency

### 4. Managerial Round:

This Round was a combination of Technical and HR questions.

Questions were from the following topics/areas:

1. Projects and contributions
2. One Data structure based coding question (explaining Your approach and writing pseudo-code)
3. Technical questions of the same pattern as of the previous round (Mostly from topics presented in the resume)
4. Puzzles
5. HR questions

## AREAS TO PREPARE :

1. Data Structures
2. Any one programming Language
3. Every topic/area of expertise mentioned in resume
4. Time and space Optimization
5. Operating Systems

## SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Coding : Leetcode , Interviewbit

Aptitude and puzzles : careerride.com

## OVERALL EXPERIENCE :

The interviewers were very friendly and patient. I was given so much time to think and answer each question asked.

## GENERAL TIPS :

Be well prepared on the topics projected on the resume.

Practicing dynamic programming problems might come in handy in the coding round.



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## PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : Keerthana R

ROLL NUMBER : 1705020

DEPARTMENT : B.E.(CSE)

EMAIL ID : keerthurkkeerthana@gmail.com

CONTACT NUMBER : 9080907130

COMPANY NAME : Gain credit

COMPANY TYPE :

SALARY ( IN LPA) : 8.98lpa

INTERN OFFERED ?(YES / NO) : No

BOND : No

DESIGNATION : Software Engineer

PLACED? (YES/NO) : NO

*(Please comment this section **in detail** to guide your juniors in bright way)*

## COMMENTS ON SELECTION PROCESS :

### ROUND 1 :

Coding round.

- 1.find the minimum time to complete n number of jobs with m number of works with some constraints
- 2.Find number of sub matrices with all 1's can be formed

### ROUND 2 and Round 3:

Code review:

We need to explain logic for code which you solved. And have to solve the program which you didn't try during test.

Technical interview:

Level order traversal of binary tree

Internal working of hashmap

Collision

Remove duplicates in linkedlist

Given a array of integer in that array next element is either previous element -1 or previous element + 1, logic to search an element and don't need to do iterative search.

Normalization in dbms

Joins in dbms

OSI layer in network

Difference between arraylist and linkedlist

Oops concept

### ROUND 4 :

## AREAS TO PREPARE :

Data structure

Dbms

Oops

## SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS

Beginnersbook website for oops concept

Geeksforgeeks

### OVERALL EXPERIENCE :

The interviewer was very friendly. Even if you don't know the answer, they will give u some hints and help you to find solution.

### GENERAL TIPS :



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## PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : Sathyapriya K

ROLL NUMBER : 1705041

DEPARTMENT : BE CSE

EMAIL ID : riyakarthik27@gmail.com

CONTACT NUMBER : 9500803755

COMPANY NAME : Gain Credit Inc

COMPANY TYPE : core

SALARY ( IN LPA) : 8.98

INTERN OFFERED ?(YES / NO) : No

BOND : No

DESIGNATION : Software engineer I

PLACED? (YES/NO) : No

*(Please comment this section **in detail** to guide your juniors in bright way)*

## COMMENTS ON SELECTION PROCESS :

### ROUND 1 :

It was an online coding round conducted on mettyl platform. The duration of the test was 2 hours. Two programming questions were given.

One question was to find the no of submatrices of 1's in a string of 0's and 1's.

Other was to find the min no of units required to complete all the jobs, provided a list of jobs with unit time to complete each, their dependency and the no of workers.

### ROUND 2 :

Coding review round . Was asked to explain the logic and solve the question unattempted in first round.

### ROUND 3 :

Technical round . Questions were asked from all core subjects.

Explain all forms of normalisation with examples, normalise the given database and some queries to be solved.

Explain different linked lists.

What are 7 osi layers, explain the role of any 4.

Explain paging and was given a problem on paging.

When and why segmentation fault arises.

## AREAS TO PREPARE :

Data Structures and algorithms

DBMS

Basics in networks, os and oops

## SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Geeksforgeeks

Interviewbit

Leetcode

## OVERALL EXPERIENCE :

Overall it was a good experience. Interviewer was patient throughout the session and gave hints to proceed further with the problems.





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## PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	:Ragul M
ROLL NUMBER	:1705033
DEPARTMENT	:B.E.,(Computer Science and Engineering)
EMAIL ID	:ragulmeham78@gmail.com
CONTACT NUMBER	:7339296772
COMPANY NAME	:GAIN CREDIT INC
COMPANY TYPE	:CORE
SALARY ( IN LPA)	:8.98 LPA
INTERN OFFERED ?(YES / NO)	:YES
BOND	:NO
DESIGNATION	:Software Engineer
PLACED? (YES/NO)	:NO

*(Please comment this section **in detail** to guide your juniors in bright way)*

#### COMMENTS ON SELECTION PROCESS :

##### ROUND 1 :

We were given with 2 coding questions which are of intermediate level. Strong understanding Data structures and algorithm would help us to solve these questions.

##### ROUND 2 :

In round 2, there will be an face to face interview with 2 interviewers for one and half hour. This round of combination of both technical and code review. There will be questions on your resume, area of interest and about your projects. There will be questions on OOPS concepts. Questions will be from both the interviewers. Then given an editable google docs where we will be given with coding questions to solve and modifications and are of intermediate level. There will be review on your code how you solved your coding questions in round 1.

##### ROUND 3 :

##### ROUND 4 :

#### AREAS TO PREPARE :

OOPS, Data Structures, OS, DBMS

#### SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

OVERALL EXPERIENCE :

Really been an good experience. Questions that were asked, would definitely challenge yourself.

GENERAL TIPS :

Good understanding on OOPS concepts, Data structures, OS and DBMS with thier pros and cons with their applications.