



COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : SIVARANJANI A

ROLL NUMBER : 1705046

DEPARTMENT : CSE

EMAIL ID : sivaranjani.anand2000@gmail.com

CONTACT NUMBER : 8056655941

COMPANY NAME : TEKIZMA

COMPANY TYPE : CORE

JOB DESIGNATION : Product Engineer

SALARY (CTC) : 5 CTC

INTERN OFFERED ? : YES

BOND : NO BOND

HAVE YOU PLACED ? : YES

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

ONLINE ASSESSMENT: (40 questions – 1 hour)

Both technical and general aptitude questions of easy-average level.

ROUND 2:

TECHNICAL INTERVIEW 1:

30 mins round – Self introduction, description about mini project and personal role in that.
Questions from basics of OOPS, C.
Questions from DS and DBMS.
One programming question.

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Problem solving	Check for palindrome on integers without considering it as a string	Tried to reverse the number and check compared it with the given number.

ROUND 3:

TECHNICAL INTERVIEW 2:

Live programming round – The panel provided the questions on google docs and viewing it in live, how we are solving and connected through Zoom video call also.

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Problem solving	Count the even length numbers in the input array. Array = [12, 3, 99, 5388, 2,4] Output = 3	Normal mod 10 concept and used a counter along with that.
Problem solving	Given an array consider the inputs in pair, then create a new array with the second number, first number times. Also concat the created arrays. Array = [1, 2, 3, 4] [1, 2] and [3, 4] are pairs, the arrays are [2], [4, 4, 4, 4]. Output = [2, 4, 4, 4]	Used the loop that incremented with 2, and created an arrays with array[i+1], i times. Then adding it to output_array then and there.

AREAS TO PREPARE :

Core subjects in curriculum. Preferably programming languages in curriculum along with OOPS concepts.

OVERALL EXPERIENCE:

The panel members are friendly and expected more from syllabus and on solving approaches.

GENERAL TIPS:

Comparatively easier to crack company – prepare well on core subjects. Have presence of mind while solving problems.



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PLACEMENT YEAR 2020-2021

NAME : KIRUTHIGA R

ROLL NUMBER : 1632018

DEPARTMENT : M.Sc DATA SCIENCE

EMAIL ID : kiruthiga.ragu99@gmail.com

CONTACT NUMBER : 7708665605

COMPANY NAME : TEKIZMA

COMPANY TYPE : CORE

SALARY (IN LPA) : 5 LPA

INTERN OFFERED ?(YES / NO) : YES

BOND : NO

DESIGNATION : PRODUCT ENGINEER

PLACED? (YES/NO) : YES

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 : First round consisted of 40 aptitude questions to be solved in 60 minutes. The questions were of easy-medium level.

ROUND 2 : Technical round. Detailed explanations of projects were asked. Questions were from the projects which I have done during the internship as well as the academic project, and they asked me to code to check whether the number is a palindrome or not. And to write SQL queries for the given scenarios and also asked the real time applications of left outer join.

ROUND 3 : Technical round 2. They asked for self introduction and to explain the projects which I have added in resume. Then questions were from Machine Learning and Statistics covering almost all the basic concepts. They asked me to write SQL queries for the database they gave. And few managerial questions were asked, for example how I am different from top rank holders and what I concentrate on which they don't.

ROUND 4 : HR round. They asked my availability for joining and asked whether I had any other offer.

AREAS TO PREPARE : Aptitude, SQL, Machine Learning and Statistics

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Aptitude:

Aptitude mock test from Face Prep(available for free), Indiabix site for aptitude preparation

SQL:

The SQL Notes for professionals compiled from Stack Overflow Documentation

Machine Learning and Statistics:

Try cheat sheets for ML and Statistics as it was helpful for revising the concepts soon.

OVERALL EXPERIENCE :

The overall experience was good.

GENERAL TIPS :

Be confident and make them feel you are good at things which they expect, and tell them you are eager to learn new things and able to adapt.



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PLACEMENT YEAR 2020-2021

NAME : SARMITHA R

ROLL NUMBER : 1631046

DEPARTMENT : MSc Software Systems

EMAIL ID : sarmicbe@gmail.com

CONTACT NUMBER : 9698293362

COMPANY NAME : Tekizma

COMPANY TYPE : Core

SALARY (IN LPA) : 5 LPA

INTERN OFFERED ?(YES / NO) : Yes

BOND : No

DESIGNATION : Product Engineer

PLACED? (YES/NO) : Yes

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 : ONLINE TEST

- It consists of 40 MCQs.
- Test duration is 1 hr.
- It composed of Quantitative Aptitude, Logical Reasoning, Programming and Technical MCQs.
- Technical and programming questions are from Data Structure's, JAVA, OS, OOPS and DBMS.

ROUND 2 : TECHNICAL INTERVIEW 1

- It was conducted in Zoom, with 3 interviewers, it went for about 30-40 min.
- First, they asked questions about my projects in resume.
- Then from JAVA, DBMS, Sql queries, Data Structures and OOPS concepts.
- They shared a google docs in which we should live code the function for a problem.

QUESTION DOMAIN	QUESTIONS	SOLUTION/ HOW DID YOU APPROCH
SQL	Display alternative records from the given table	Wrote query using rownum mod(rownum, 2) <> 0;
Programming/ Logical	Write a function to reverse a given number, then find it is palindrome or not.	Extract each digit.
	Given 2 variables with a = 10 and b=15, swap 2 values without using temp variable.	Solved by adding 1 time and subtracting 2 times.

Have you cleared the round : YES

ROUND 3 : TECHNICAL INTERVIEW 2

In this round they mainly check your programming skills and conceptual thinking.

QUESTION DOMAIN	QUESTIONS	SOLUTION/ HOW DID YOU APPROCH
Dynamic programming	Given a set of coins, find min number coins required to make the given sum. Input: coins= {1,2,3,7}, sum= 5 Output: {2,3}	Coded a function using dynamic programming approach.
Hash map	find the pair of integers in the array whose sum is equal to the given sum	Solved using hash map.
Pointers	An array had odd and even numbers, we need to arrange the numbers in such a way that all the even numbers get the even index and odd numbers get the odd index. (without using any extra spaces).	Using 2 pointers approach.

Have you cleared the round : YES

Later HR will call you to assist further process.

AREAS TO PREPARE:

1. Quantitative and Logical Reasoning.
2. Data Structures and Algorithms
3. OOPS.
4. DBMS- Mainly on basic concepts and queries.
5. JAVA.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

1. Geeks for Geeks
2. Interview bit
3. Leetcode
4. Hackerank

OVERALL EXPERIENCE :

The process went well, In first round it necessary to practice quantitative, logical reasoning and technical aptitudes as much as possible to crack it, then 2 technical interviews was happened in same day, where they expect you to write an optimized solution for a given problem. The interviewers were friendly, if we get struck, they will help you to find solution.

GENERAL TIPS:

- It is must to have a strong knowledge on basic core concepts. Don't concentrate more on learning many technologies.
- Practice coding problems in leetcode and hackerank regularly.
- It is recommended to have hands on implementation on algorithms and basic Data structures.
- Speak clearly and interact more with the interviewer.



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PLACEMENT YEAR 2020-2021

NAME : Sandhiya P

ROLL NUMBER : 1631043

DEPARTMENT : M.Sc Software Systems

EMAIL ID : sandhiyaparanan@gmail.com

CONTACT NUMBER : 7639587144

COMPANY NAME : Tekizma Inc

COMPANY TYPE : Core

SALARY (IN LPA) : 5LPA

INTERN OFFERED ?(YES / NO) : Yes

BOND : No

DESIGNATION : Product Engineer

PLACED? (YES/NO) : Yes

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 : Online Test

Aptitude-(Technical and General)

The Test duration was 1 hour and level of difficulty is medium and time management is very important. Technical questions are from Java, OOPS, DBMS, OS and Data structures.

ROUND 2 : Technical Interview -1

There were three interviewers and this round lasted for around 35 mins and the Questions asked from OOPS, DBMS, Simple Logical Questions and few questions from Projects in the Resume. They expect us to explain the concepts by giving suitable applications.

ROUND 3 : Technical Interview -2

There were three interviewers and this round lasted for 30 mins . This is a coding challenge round which consists of two questions in a medium range from Data Structures. They will expect us to solve in an efficient way.

AREAS TO PREPARE :

General Aptitude, Data Structure, DBMS, OOPS

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- Indiabix for Aptitude
- GeeksforGeeks
- W3schools
- Leetcode
- Hackerrank

OVERALL EXPERIENCE :

HR's were friendly and they started asking question from my projects and general technical questions were asked from OOPS, DBMS , Data Structure and they will expect detailed answer for the questions and even if we couldn't able to come up with, they will give some tips to answer the questions.

GENERAL TIPS :

Be Strong in Coding and Data structures Concepts

Be thorough in your resume and about the projects that you mentioned in your resume.

Need to be strong in Aptitude.

Solve Coding Problems in Hackerrank, leetcode.



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME :KRITHIKASHREE.L

ROLL NUMBER :1631025

DEPARTMENT :SOFTWARE SYSTEMS

EMAIL ID :krithikalnarayan@gmail.com

CONTACT NUMBER :7397579032

COMPANY NAME : TEKIZMA

COMPANY TYPE :CORE

SALARY (IN LPA) :5-6 lpa

INTERN OFFERED ?(YES / NO) :YES

BOND :NO

DESIGNATION : PRODUCT ENGINEER

PLACED? (YES/NO) :YES

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

It had MCQ type questions mainly focusing on JAVA,OOPS,DBMS and some aptitude based questions.

ROUND 2 :

Basic concepts in OOPS and java were tested along with small problem solving puzzle's. Questions were asked on the projects specified in the resume as well.

Sample questions:

Define basic oops concepts with real time examples.

Why java does not support multiple inheritance

Explain overloading and overriding

Try catch blocks.

Can you have multiple finally block

Can you have multiple primary keys?

Difference between Delete and Truncate

Deadlock

COADING:

Palindrome string check in one pass

Swap two numbers without temporary variable

ROUND 3 :

It was completely on data structures and logical thinking ability.2 Coding questions were asked.

- 1) An infinite bucket of coins of denominations [1,2,5] are given find all possible combination that yields the target.

Target=5

Sample output: {[1,1,1,1,1],
[1,1,1,2],
[1,2,2],
[5]}

- 2) Given a n value, find the nth node from the last for a given link list with O(n) complexity.

ROUND 4 :

General Conversation with HR .Discussion about the company our role and package negotiations.

AREAS TO PREPARE :

Java, OOPS concepts along with decent coding capability in DP and strong understanding on DS concepts.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Leetcode
GeeksforGeeks

OVERALL EXPERIENCE :

Process was not very difficult. Basic understanding and problem-solving ability is sufficient to ace this process.

GENERAL TIPS :

