



COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	:	VARSHA S S
ROLL NUMBER	:	1631059
DEPARTMENT	:	MSc. SOFTWARE SYSTEMS
EMAIL ID	:	varshasathyan1810@gmail.com
CONTACT NUMBER	:	9585384401
COMPANY NAME	:	TCS DIGITAL
COMPANY TYPE	:	CORE
JOB DESIGNATION	:	SOFTWARE ENGINEER
SALARY (CTC)	:	7.5 LPA
INTERN OFFERED ?	:	NO
BOND	:	NO
HAVE YOU PLACED ?	:	YES

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 : First round consisted of PART A and PART B.

- PART A consisted of 10 verbal ability questions and 15 general aptitude questions to be solved. They were of easy – medium level.
- PART B was advanced coding round, 2 problems have to be solved in 1 hr. They were of easy – medium level.

Have you cleared the round : YES

ROUND 2 :

It was a one shot interview. The panel members were friendly.

TECHNICAL

- In the technical interview they asked to explain the pseudo code and logic for the coding question that was solved in the previous round.
- Basic questions from C, C++ were asked.
- The next set of questions were from the projects mentioned.
- Explanation of the project and other possible technical questions from them were asked.
- The questions may vary based on panellists.

MANAGERIAL

- They asked about the soft skills mentioned in my resume and to describe each with a scenario.
- Some other questions were like, Mention any challenges that was faced by me, and how I was able to solve them? , how I will manage to complete all the works assigned with a timeline?
- One puzzle question was asked, how to cut a cake into 8 pieces with just 3 cuts?

HR

- General HR questions like, where I come from? What I expect from the company if I get to work with them? Where do I see myself after 5 years? Kind of questions were asked.
- Questions about the company like, who is the CEO of TCS? (They will definitely expect you to have knowledge about the company)

Overall the interview went for about 35-45 mins.

Have you cleared the round : YES

AREAS TO PREPARE :

- General Aptitude.
- Problem solving.
- Good programming skills in any one language.
- Core computer science subjects.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- GeeksforGeeks
- Javatpoint
- Tutorialspoint
- Hackerrank
- Hackerearth
- Leetcode
- Indiabix

OVERALL EXPERIENCE :

The overall experience was good.

GENERAL TIPS :

Be confident and have a good interaction. Be thorough with your resume. Make them feel you are good at things they expect.

ALL THE BEST!



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PLACEMENT YEAR 2020-2021

NAME : Deepika A P

ROLL NUMBER : 1707013

DEPARTMENT : Information Technology

EMAIL ID : deepikapanneerselvam6@gmail.com

CONTACT NUMBER : 9600563997

COMPANY NAME : TCS Digital

COMPANY TYPE : CORE

JOB DESIGNATION : SDE

SALARY (CTC) : 6.5 to 7.5

INTERN OFFERED? : NO

BOND : NO

HAVE YOU PLACED? : YES

COMMENTS ON SELECTION PROCESS:

ROUND 1: Online Assessment conducted in TCSION platform consists of

- Quantative Aptitude (15 Questions)
- Verbal (10 Questions)

Advanced coding was conducted on the next day

- 2 coding questions

Have you cleared the round: YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Mathematics	SET Theory	Mathematical approach by drawing the Venn diagram
Arrays	To find no of people affected by corona after a meeting	Simple approach using for and if

ROUND 2: This is the face to face round.

In this round, Technical HR, Managerial HR and General HR was conducted in single sitting.

TECHNICAL HR: The questions were from the projects and the area of interest from our resume. The interviewer Started with DBMS. The questions were from JOINS, Difference between SQL and MySQL, Command to modify table or table contents, Difference between RDBMS and DBMS. Next, he started the questions on C programming, What is a Command Line Argument, what is a variable and static variable, what is an infinite loop. Finally, he asked to explain Insertion, Updation and Deletion in various Data Structures.

MANAGERIAL HR: He asked me to tell about myself. In my intro I mentioned my hackathon project idea. So, he asked me “how you implement it if you get a chance” and explained with the help of my mini project. Then he asked me to explain about my mini project. I explained it in detail. Finally, he asked about my interests.

GENERAL HR: She just asked me a single question “What comes to your mind when we say Diversity and Inclusion”.

Have you cleared the round: YES

AREAS TO PREPARE:

Be Thorough in your projects and area of interests and the basics of all the core subjects.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS:

PROBLEM SOLVING/DSA/SQL QUERIES:

GeeksforGeeks, Interviewbit, Leetcode, Hackerrank, Codechef

APTITUDE:

Indiabix, R S Aggarwal.

PUZZLES AND CONCEPTUAL LEARNING:

GeeksforGeeks

OVERALL EXPERIENCE:

The overall experience was good. The TCSION platform had some issues but that was rectified on time. The face to face interview was very smooth and interviewers were very friendly. They were very supportive and helped me when I got stuck somewhere.

GENERAL TIPS:

- Be thorough in your projects you mention in your resume. Be ready answer questions like “why do you chose this project/Project Domain/algorithm”. Study the algorithm well with a simple example which you used in your project.
- Be confident and bold while answering a question. Even if you don’t know the answer try to answer by getting help with the interviewer, don’t just say that you don’t know.
- Be open to learn technologies.
- Don’t hesitate to ask for some help from the interviewer.
- Explain every question in a layman point of view with an example.



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PLACEMENT YEAR 2020-2021

NAME	: Rahul C.S
ROLL NUMBER	1632036
DEPARTMENT	: Data Science
EMAIL ID	: csrahul.6698@gmail.com
CONTACT NUMBER	8072768262
COMPANY NAME	: Tata Consultancy Services Digital
COMPANY TYPE	: Non-Core
JOB DESIGNATION	: Software Engineer (Ninja Offer)
SALARY (CTC)	: 3.6 LPA
INTERN OFFERED?	: NO
BOND	: NO
HAVE YOU PLACED?	: YES

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

COMMENTS ON SELECTION PROCESS:

ROUND 1: Online Aptitude and Coding [45minutes + 60minutes]

PART-A

*General Aptitude

*Verbal Aptitude

PART-B

*Coding (2 problems Medium and Easy level problems)

ROUND 2: [1 hour]

It was a one shot interview with three sub rounds namely, Technical, Managerial and HR.

Technical

In this round, the skill set mentioned in the resume was questioned and based on the skill set, some fundamental concepts were asked. I had AWS and Power BI in my skill set and technical questions based on these were asked.

Managerial

In this round, questions to test your presence of mind and creativity will be asked. Some puzzles and work management questions were asked.

General HR

In this round they asked about my aim, my career goals and some usual HR round questions. Questions regarding their company's current chairman, CEO and also their current affairs were asked.

AREAS TO PREPARE:

Be strong in any one coding language.

Develop problem solving skills

Be strong in the basics and ready to answer any questions asked from your resume.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS:

Geek for geeks for data structures and rest other core subjects. Indiabix for aptitude

Interview bits

Leet code, hackerrank -coding practice

OVERALL EXPERIENCE:

Interviewers were friendly and gave enough time and hints to come up with the solution. Preparing well for the aptitude and coding round will be the key to crack the interview.

GENERAL TIPS:

Whatever the answer is try to say it with a confidence. Creativity and Innovation is all that matters.



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PLACEMENT YEAR 2020-2021

NAME : M.Balamuruga

ROLL NUMBER : 1632003

DEPARTMENT : M.Sc Data Science

EMAIL ID : balamurugads@gmail.com

CONTACT NUMBER : 8681033633

COMPANY NAME : Tata Consultancy Services - Digital

COMPANY TYPE : CORE

JOB DESIGNATION : Software Developer

SALARY (CTC) : 7.3 LPA(DIGITAL)
3.5 LPA(NINJA)

INTERN OFFERED ? : NO

BOND : NO

HAVE YOU PLACED ? : NO(DIGITAL)
YES(NINJA)

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 : English and Advanced Quants

Have you cleared the round : YES

Total Duration - 1 hour

- English
 - Questions - 10 (all Multiple Choice)
 - Time - 15 mins
 - Negative Marking - No
- Quantitative Aptitude
 - Questions - 20 (15 normal Multiple Choice + 5 Value in the box)
 - Time - 35 mins
 - Negative Marking - Yes

Note: As time was not a major constraint in aptitude, be choosy with your question. Answer only if you know it accurately as negative marking is there for aptitude alone.

ROUND 2 : Advanced coding round

Have you cleared the round : YES

Details about Questions on 2nd round:

Advanced coding round

- Questions - 2
- Time - 60 mins
- Negative Marking - No

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Set theory	Given some values of the venn diagram of 3 sets, Find the missing value.	Used set theory formula.
Matrix search & Pattern recognition	Three characters { #, *, . } represents a constellation of stars and galaxies in space. Each galaxy is demarcated by # characters. There can be one or many stars in a given galaxy. Stars can only be in the shape of vowels { A, E, I, O, U } . A collection of * in the shape of the vowels is a star. A star is contained in a 3x3 block. Stars cannot be overlapping. The dot(.) character denotes empty space. Given 3xN matrix comprising of { #, *, . } character, find the galaxy and stars within them.	Checked for the condition column wise and printed the respective output. Normal matrix traversal.

There were 2 questions. Private test cases of the first question have to be completed in order to move to the second question. For me, both questions were not from Data structures and algorithms.

ROUND 3 : Interview

Have you cleared the round : YES

The Digital Interview is a combination of three rounds (all of them conducted at the same time) - Technical, Managerial and HR

Details about Questions on Technical round:

After introduction, the interviewer started to ask the following questions from OOPS and Java.

- 1.Explain Exception Handling with an example.
 - 2.Difference between static and Final?
 - 3.Explain all OOPS concepts
 - 4.What is super class in Java?
 - 5.Difference between Throw and Throwable in Java?
 - 6.Explain overloading.
 - 7.What is a package in Java?
 - 8.What is the use of keyword “this”
 9. Can I run public static void main without static in Java?
 - 10.Explain type cast and type conversion
 - 11.Explain Abstract class
 - 12.List and explain all the access modifiers?
- Some Python related questions were asked as I mentioned it in my resume.
- 13.How does memory management work in Python?
 - 14.Is python case-sensitive?
 - 15.What is a Python Path?
 - 16.What are all the key features of Python?

Details about questions on Managerial round:

- 1.What is your favorite subject and explain to me some concepts in it.
2. Explain 5G network. How do you see the future of India with 5G?
- 3.Tell me some recent news about TCS.

Details about questions on HR Round:

- 1.Are you willing to relocate according to where your demand is?
- 2.Are you comfortable to put in extra hours of work, when it is demanded?
- 3.Do you know app development?
- 4.Why TCS?
- 5.Do you have any questions for me?

AREAS TO PREPARE :

- Aptitude & Logical reasoning.
- English
- Communication skills
- Data Structures and algorithms

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

<https://www.javatpoint.com/reasoning>

<https://www.indiabix.com/>

<https://www.geeksforgeeks.org/how-i-cracked-tcs-digital/>

All TCS Digital interview FAQs from geeksforgeeks

OVERALL EXPERIENCE:

The whole process went through smoothly.

GENERAL TIPS :

- It might take a few days to assess your performance in the online test. Regardless, you should start preparation for this interview straight away after the test.
- Go through all the key areas where TCS Digital is working towards and have a basic understanding of what it is. Having in depth knowledge in any one of those key areas will definitely increase your chance of selection.
- In my case, I couldn't revise a lot from Java, so I could not answer clearly. It totally depends upon the person who is interviewing you. If he/she has a set of questions related to Java alone, then we might get into trouble. So be prepared to answer any questions thrown at you.



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	: Shahithya L P
ROLL NUMBER	: 1707047
DEPARTMENT	: Information Technology
EMAIL ID	: shajithyaprabakaran123@gmail.com
CONTACT NUMBER	: 8778914642
COMPANY NAME	: TCS Ninja
COMPANY TYPE	: NON-CORE
JOB DESIGNATION	: Software Engineer
SALARY (CTC)	: 3.36 LPA
INTERN OFFERED?	: NO
BOND	: YES (2 years)
HAVE YOU PLACED?	: YES

COMMENTS ON SELECTION PROCESS:

ROUND 1: Pre-Qualifier round - “CodeVita” Season 9.

There were around 6 coding questions (Duration: 6 hours). I was able to solve one questions completely and one question partially. TCS gave ranking to all the participants who have solved atleast 1 question and I got selected for the interview round.

Have you cleared the round: YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Data Structure	<p>Largest Gold Ingot: Ramesh is a goldsmith who brought a large number of gold ingots each of different length (L) but equal breadth (B) and height (H). He wants to weld the ingots of same length with each other. He tasks his new employee, Akash, to weld the ingots of same length with each other. But Akash forgot that he had to weld the ingots of same length, instead he welded the ingots in a random manner.</p> <p>Later Ramesh found out what he had done. He then ordered Akash to cut the welded ingot such that a cuboid with the largest volume from the welded gold ingot is obtained.</p> <p>Find the volume of summation of gold ingots minus volume of the largest cuboid.</p>	Stack DS

ROUND 2:

Have you cleared the round: YES

Details about Questions on 2nd round: This was the final interview round. There were around 3 panel members and the interview was around 1 hour. The questions were completely based on the resume.

- Explain Normalisation in DBMS
- Explain Joins
- Different types of databases
- Questions from the project
- Explain the coding question that I solved in round one
- General questions from OS and DS
- General Puzzles (I was asked the Weighing 9 Balls Puzzle)
- Situation based questions

AREAS TO PREPARE: Be very strong and clear about everything that you have mentioned in your resume.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS:

- HackerRank
- Leetcode
- FacePrep (YouTube channel)
- IndiaBix

OVERALL EXPERIENCE: Good. Panellists were friendly and the interview was stress free.

GENERAL TIPS: Be confident. Have a basic knowledge on the department core subjects. For coding questions, don't give up easily. Make sure that you are very strong with the concepts that you mentioned in your resume as the Area of Interests.



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PLACEMENT YEAR 2020-2021

NAME : Sivaranjani A

ROLL NUMBER : 1705046

DEPARTMENT : BE CSE

EMAIL ID : sivaranjani.anand2000@gmail.com

CONTACT NUMBER : 8056655941

COMPANY NAME : TCS Ninja

COMPANY TYPE : NON-CORE

JOB DESIGNATION :

SALARY (CTC) : 3.3 to 3.6 LPA

INTERN OFFERED ? : NO

BOND : Yes (1 year)

HAVE YOU PLACED ? : YES

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 : Code vita contest

It consists of 6 programming questions and 6 hours time was provided. The questions are of average level difficulty. Minimum of one and half question must be solved to get rank in this contest. The time and space complexity was expected to be very efficient.

Have you cleared the round : YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 2 : Technical Interview

The basic questions from the areas of interest was asked. Real world applications of some DS like circular linked list, linked list and doubly linked list. Self introduction and mini project description and our role in that was asked by the panel members. They also asked my hobbies and why that hobby was preferred.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Puzzle	The triangle made of 1,2,3,4 balls was shown and asked to rotate it in 180 degree with 3 moves. <div style="text-align: center;">1 1 0 2 0000 2 00 3 000 3 000 - 4 00 4 0000 5 0 5</div>	From the row 4 move two balls to row 2, then move that one ball from row 1 to row 5.
Programming	Factorial of a given number which should also respond for negative integers.	

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ROUND 3 :

Have you cleared the round : YES / NO

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 4 :

Have you cleared the round : YES / NO

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

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AREAS TO PREPARE : Programming in your own preferable language, contents you provide in resume.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

OVERALL EXPERIENCE :

The overall experience was good. The panel members are not so friendly comparatively.

GENERAL TIPS : The stuffs are supposed to be out of book world and supposed to be some real world examples.