COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : SAI KRISHNA N

ROLL NUMBER : 1632043

DEPARTMENT : M.Sc. DATA SCIENCE

EMAIL ID : sksai1307@gmail.com

CONTACT NUMBER : 9944402865

COMPANY NAME : SuperOps Technologies Pvt Ltd

COMPANY TYPE : CORE

JOB DESIGNATION : Junior ML Engineer

SALARY (CTC) : 6(LPA)

INTERN OFFERED ? : YES

BOND : NIL

HAVE YOU PLACED ? : YES

COMMENTS ON SELECTION PROCESS :

ROUND 1: Aptitude and Coding Online Round.
The first round had aptitude questions and four coding challenges. Try solve the coding as it give more importance than aptitude.
Have you cleared the round: YES
Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
APTITUDE	Qualitative, Logical and Reasoning	
CODING	Array, strings, graph and SQL query	Solved Array, Strings and SQL query.

ROUND 2 : 1st TECHNICAL INTERVIEW
In this round we had discussion with the
Have you cleared the round : YES
Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
MACHINE LEARNING	Dimensionality reduction techniques and advantages.	
PROJECT	Question based on projects.	

ROUND 3 :2nd TECHNICAL INTERVIEW

Have you cleared the round: YES
Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
PROBABLITY	1. There are 3 ants sitting on three corners of a triangle. All ants randomly pick a direction and start moving along edge of the triangle. What is the probability that any two ants collide? 2. You are given a bag of 100 coins, with 99 fair ones flipping heads and tails with 0.50.5 probability each, and one unfair coin which flips heads with 1.01.0 probability. You pick a coin randomly and	1. Gave solution since ants can move either clockwise or anticlockwise without colliding 2. Using BAYES Theorem(Conditional Probability)

	flip it 10 times, getting heads every single time. What is the probability that you picked the unfair coin?	
STATISTICS	Confidence Interval, Hypothesis Testing	Basic Statistics Questions
LIVE CODING	Predict maximum profit can be earned based on the given stock prices month wise.	Solved using max functions.

ROUND 4: HR

General HR kind of discussions. He explained about the company and stuffs.

Have you cleared the round: YES
Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
HR	Where do you see yourself after five years?	Go with whatever comes from your mind.
	What is your ambition?	
	What will you do after 10 years after you have all the money you have?	

AREAS TO PREPARE: Aptitude, Statistics, Machine Learning, Probability.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :
Websites: Indiabix, geeksforgeeks, Hackerrank, blogs in medium for machine learning and statistichowto for statistics questions.

Books: RS Agarwal for aptitude.

OVERALL EXPERIENCE:

Overall experience was very good the Interviewer were very friendly and polite. The process ended within a day.

GENERAL TIPS :

Basic knowledge in DBMS, python and analytics is sufficient.
Be confident and clear enough in whatever you are saying.
Don't be tensed so that that will reflect in your face.
Stay calm and try answering everything. If you don't have any idea atleast give a try.

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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME   : Lakshmiraj.N

ROLL NUMBER   :1705022

DEPARTMENT   : B.E. Computer Science and Engineering

EMAIL ID   : lakshmirajnatrajan@gmail.com

CONTACT NUMBER   : 9791789124

COMPANY NAME   : SuperOps

COMPANY TYPE   : CORE

JOB DESIGNATION   : Junior Software Engineer

SALARY (CTC)   : 6 LPA

INTERN OFFERED ?   : YES

BOND   : NIL

HAVE YOU PLACED ?   : NO

(Please comment this section __in detail__ to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 : It is online assessment round contains aptitude and programming . Aptitude contains general aptitude and logical aptitude question (Indiabix , freshersworld youtube channel will be useful in preparing aptitude) .

Programming round consist of 3 question based on array manipulation (medium level of questions)

Have you cleared the round : YES

ROUND 2 :

It is programming round and we will interact with the interviewer while coding so be interactive to interviewer with your concept while coding. this round consists of 2 question based on string manipulation.

Have you cleared the round: YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
String manipulation	Verify whether the string is palindrome or not excluding special character	Consider two flags one from form front and another last. The traverse the string and verify it is palindrome or not.
String manipulation	Given a string consist a,b,c and we want to reduce string length by change ab to c , bc to a , ca to b . then return the length of the resultant string at the last .	Traverse the string and replace the string which having ab to c , bc to a , ca to b.

ROUND 3 : In this we interact with the manager and the question be around our area of interest in our resume . so be strong with the domain which we provided in the area of interest in the resume .

Several question based on SQL query.

Database table construction for ecommerce domain.

Designing programming model for several process like add product in the shopping kart.

So be interactive with interviewer and share your view for the question with out any hesitation.

Have you cleared the round : NO

AREAS TO PREPARE :
Programming skills, DBMS, OOPS concept.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Refer java in beginners book for understanding the core concepts of java, be strong in problem solving skills.

OVERALL EXPERIENCE :good

GENERAL TIPS : have a strong knowledge programming language concepts and querying languages

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	:	Lakshmi Narayanan
ROLL NUMBER	:	1807209
DEPARTMENT	:	Information Technology
EMAIL ID	:	lachu360@gmail.com
CONTACT NUMBER	:	7892405967
COMPANY NAME	:	SuperOps
COMPANY TYPE	:	CORE
JOB DESIGNATION	:	Junior Software Engineer
SALARY (CTC)	:	6 LPA
INTERN OFFERED ?	:	NO
BOND	:	NO
HAVE YOU PLACED ?	:	NO

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 :
It was an Online test conducted on CoderByte Platform. It consists of Aptitude MCQ questions and 4
Coding questions. 2 Coding questions are easy and 2 are of medium difficulty.

Have you cleared the round: YES

ROUND 2 :
This is a coding round conducted on CodetByte platform the interviewer pastes the question on the
screen and we have to code. After completing interviewer gives some testcases and then gives next
question. Finally Interviewer asks to explain our projects.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Coding	Rearrange characters of a String in Lexicographial order	
Coding	Remove Invalid parenthesis in a given expression	
Coding	Print characters of a string in zig zag pattern and print its value in row wise order	

ROUND 3 :
This is a technical round conducted by the CTO of the company. He will be having a friendly
conversation and asks some general and technical questions. Then finally asks to code for a given
problem.

Have you cleared the round : NO

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Coding	Given source and destination design a bus booking system to store and retrieve routes of size m and stops of size n for bus using efficient data structure	I told an approach using Hashmap in O(mn). Then we discussesd to optimize it to O(m). Then the interviewer asked to code the solution.
DBMS	Explain the ACID properties	
Data Structures	Explain about the Data Structures you know	
General	What is your favourite subject, who is your favourite professor	

AREAS TO PREPARE :

- OOPS concepts
- Data Structures
- Programming
- Knowledge on projects and its tech stack

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- Leetcode
- GeeksforGeeks
- InterviewBit
- Hackerrank

OVERALL EXPERIENCE :
- The interview was good
- The interviewers are friendly

GENERAL TIPS :
- Communicate more with the interviewer on coding rounds
- Be confident in explaining your projects