



COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	:	INDUMALINI B
ROLL NUMBER	:	1707021
DEPARTMENT	:	INFORMATION TECHNOLOGY
EMAIL ID	:	indumalini0401@gmail.com
CONTACT NUMBER	:	7339618722
COMPANY NAME	:	PSG SOFTWARE TECHNOLOGY
COMPANY TYPE	:	NON-CORE
JOB DESIGNATION	:	SOFTWARE ENGINEER
SALARY (CTC)	:	3.6 LPA
INTERN OFFERED ?	:	YES
BOND	:	NO
HAVE YOU PLACED ?	:	YES

COMMENTS ON SELECTION PROCESS :

ROUND 1 : Online McQ test

- It was an objective test which holds 27 McQs and has the duration of 60 minutes.
- There were mostly technical questions and a few quantitative aptitude questions.
- Sound Knowledge on all core subjects (DBMS, OOPS, OS, Networks) is needed to clear the tech part. Also C,C++ program solving skills is a mandate thing. Very few JS questions were also asked.
- Basic knowledge in solving all aptitude problems is also required to clear this round.

Difficulty level : Average to High.

Platform Used: Online Exam Builder

ROUND 2 : Technical HR-1

This was an Face to Face Interview on the platform gmeet. There were one coding question which was done on the platform collabedit. I was explaining each and every step of my code while coding from which the HR understood that I'm good to go with that. Then there were questions based on designing application. I explained in the point of developer, giving much realistic examples with good explanation. There were technical questions asked and I approached in a way of covering all its application. Project was also explained emphasizing its social cause along with technical things used in that.

Apart from this, general questions such as Why psg?, what role you want to work with ?, About your family ? .

The HR was so friendly that he encouraged at all my approach to his questions no matter the answer is right or not.

Have you cleared the round : YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Programming	Finding the given number is prime or not?	Checking the logical condition for finding prime number inside the iterating loops.
Application Designing	Explain the best designed mobile application you have experienced so far.	I've talked about Myntra app with its features.
Application Designing	Explain the app that you want to design. List the features you want to add on.	Food calorie estimation through image recognition. (a kind of machine learning approach)
DS	Practical application of all data structures	Technical explanation with examples.
Mini project	Explain your project.	Explained each and every module.

ROUND 3 : Technical HR-2

This is again a technical round. Some mathematical puzzles were asked to solve within a time limit. Technical knowledge were tested on various subjects. They required me to explain my project in clear cut manner.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
OOPS	Polymorphism Vs Inheritance	Explaining technically with real time example
Programming	Checking the string is isogram or not	Checking the logical condition by iterating the loops.
Mini project	Explain your project.	Explained each and every module.

ROUND 4 : General HR

- Managerial and hypothetical questions were asked.
- About myself, family background.
- Project is explained.
- Why Psg?
- And lot more general questions.

Have you cleared the round : YES

ROUND 5 : Interview with CEO of PSG softwares

Both technical and general talk were there. Attitude and communication are checked.

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Data Structure	Linear search Vs Binary Search	Answered
Data Structure	Accessing the element : complexity on array vs linked list	Answered
DBMS	Transaction on DBMS	Explaining technically with real time example
OS	Threads Vs Process	Explaining technically with real time example
Programming	Dynamic programming problem	Explained each and every steps.

AREAS TO PREPARE :

- ✓ Sound Knowledge on coding.
- ✓ All core Subjects includes OS,DBMS, DS, OOPS.
- ✓ Solving Puzzles
- ✓ Quantitative Aptitude

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- ✓ GeeksforGeeks (all technical subjects)
- ✓ Indiabix, FacePrep, RS Agarwal (for aptitude)

OVERALL EXPERIENCE :

- ✓ Good HR team.
- ✓ Well organised.

GENERAL TIPS :

- ✓ Sound knowledge on core subjects and coding.
- ✓ Practise lot of problems.
- ✓ Other than technical part,
 - **Communication**
 - **Honesty towards your answers**
 - **Attitude** are the key.

ALL THE BEST



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : V.Priyadharshini

ROLL NUMBER : 1707039

DEPARTMENT : Information Technology

EMAIL ID : nandhupriya126@gmail.com

CONTACT NUMBER : 8940959599

COMPANY NAME : PSG Software Technologies

COMPANY TYPE : NON-CORE

JOB DESIGNATION : Software Engineer

SALARY (CTC) : 3,60,000

INTERN OFFERED ? : YES

BOND : NIL

HAVE YOU PLACED ? : YES

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

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

It was an aptitude round with 27 questions. Mostly of Technical Aptitude. 4 questions was General aptitude.

Have you cleared the round : YES

ROUND 2 :

It was a Technical HR about 30 minutes.

- 1) Tell me about yourself
- 2) Write pseudo code to sort the given array
- 3) Trace the pseudo code using first 8 elements in an array

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Data Structures	Sorting an array	Merge sort

ROUND 3 :

It is a technical HR. It is also a half an hour interview

- 1) Tell me about yourself
- 2) Strength and weakness
- 3) Delete duplicate elements in an array
- 4) SQL query to find maximum marks in the table

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Data structure	Delete duplicate elements in array	Traverse and copy unique elements to other array.
SQL	Find max marks	Aggregate function MAX

ROUND 4 :

It is like general HR.

- 1) Tell me about yourself
- 2) Explain your Project
- 3) About my family

4) Why PSG software Technologies

Have you cleared the round : YES

ROUND 5:

It is Technical HR.

- 1) Print prime numbers and all the numbers which are not divisible by the numbers before it
- 2) About my hobbies
- 3) How you practice coding

Have you cleared the round : YES

Details about Questions on 5th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Data structure	<p>Print all the numbers which are not divisible by the numbers before it</p> <p>for given no 10 2,3,5,7 first take 2 is a prime no , then take 3 , 3 is not divisible by 2 then print 3, then take 4 check whether 4 is divisible by 2&3 ,it is divisible so don't print move to next , Take 5 it is not divisible by 2&3 so print 5, and so on . This will continue until 10</p>	Initialize the array to store the outputs, Take the first no and check if it is divisible by the elements in array. this process will continue until the given number

AREAS TO PREPARE :

DS, SQL,
Projects in resume

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

INDIABIX –Technical Aptitude

YouTube (Jenny's lectures CS/IT NET&JRF) – Data structures and algorithm

Udemy , geeks for geeks - SQL

OVERALL EXPERIENCE :

Very Good. Interviewers were friendly.

GENERAL TIPS :

Be strong in basics

Projects in resume should be well known.

Solve easy , medium questions in Hackerrank



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : RANJANI PRIYA T

ROLL NUMBER : 1705098

DEPARTMENT : CSE

EMAIL ID : ranjanipriya1505@gmail.com

CONTACT NUMBER : 9488068100

COMPANY NAME : PSG software technologies

COMPANY TYPE : NON-CORE

JOB DESIGNATION : software engineer

SALARY (CTC) : 3.6 lpa

INTERN OFFERED ? : YES

BOND : NIL

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 test

In this round majorly technical aptitude questions were asked
Basic computer science fundamentals subjects need to be prepared
Data structure, programming mcq, database, os , oops concepts

Have you cleared the round : YES
Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 2 :

There were 3 face to face interview rounds which are mandatory to attend (no elimination after each round)

In first 2 technical hr round each was 30 minutes of duration In both the rounds I was asked to explain my projects in detail. Questions were also from my area of interests subjects and project domain
General logical puzzles were also asked.
Programming problems were also given to solve

Have you cleared the round : YES
Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
	Self introduction Project explanation	

	Writ a program to concatenate two list of strings and print new list . List1["my","is"] List2["name","tom"] Output: ["my","name","is",tom]	
	Six glasses are placed linearly, first 3 glasses were filled with juice, you can move only one glass to make the glasses filled with juice alternatively.	

ROUND 3 :

Personal HR interview

The duration was 15 minutes.

HR asked about personal details, interest, hobbies and other extra and co curricular activities

They also asked to brief the project works.

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
	Self introduction	
	Project explanation and the difficulties that I faced to complete the whole project	

ROUND 4 :

Technical HR interview

The duration of interview was 30 minutes

Some questions from database concepts locks, foreign keys, etc

Data structure questions from linked list and arrays

Programming questions

Questions from project and project domain

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

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
	Program to find the numbers which are divisible only by prime numbers	

AREAS TO PREPARE :

Project explanation

Area of interest subjects

Basic knowledge in all the fundamental subjects

Programming (any language)

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Geeks for geeks

Indiabix

Hackerrank

OVERALL EXPERIENCE :

A very good interview experience

Every round was very precise and the duration was 30 minutes to a maximum

They expect a quicker response and good problem solving skill.

GENERAL TIPS :

Prepare basic concepts well

Be frank and clear while explaining the thought process in solving problems

Know well about the project and project domain

Be bold to ask questions to interviewer if you are given a chance

Be on time for interview and relaxed .