



COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : N.BHAVITHRA

ROLL NUMBER : 1705006

DEPARTMENT : B.E.CSE

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COMPANY NAME : INFORMATICA

COMPANY TYPE : CORE

JOB DESIGNATION : ASSOCIATE SOFTWARE ENGINEER

SALARY (CTC) : 6.7 LPA

INTERN OFFERED ? : YES (Stipend - 21000)

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 : ONLINE TEST

- Online Test was conducted on AON platform.
- No of questions: 55 (MCQs)
- Test Duration: 60 mins
- It included both Technical and Quantitative aptitude.
- Questions for Technical Aptitude were from DBMS, OS, Networks, DS.

Have you cleared the round : **YES**

ROUND 2 : TECHNICAL INTERVIEW 1

Have you cleared the round : **YES**

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
DBMS	Why is RDBMS used? Difference between null , zero and blank. Keys used in SQL What is the purpose of GROUPBY? Given some queries to solve. Normalization and queries related to that	
DS	Linked List and its applications Difference between array and linked list Difference b/w Binary tree and Binary Search Tree	

ROUND 3 : TECHNICAL INTERVIEW 2

Have you cleared the round : **YES**

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Programming	Given a set of numbers. How will you find the second largest number?	Sorted the array using merge sort and fetched the value of index [n-1].
	Swap two numbers using call by reference	Simple swap operation. Just passed the address of two numbers in swap() and accessed it using pointers
	Find whether the given linked list is palindrome or not.	While traversing the linked list, I pushed the data of visited nodes to the stack. By traversing it again and by popping values from stack, checked whether they are equal .
SQL	Table A - Name, Age, Id Table B - Address, Pin, Phone, Age Write a query to fetch employee detail (Name, Age, Pin, Address, Phone) whose age is > 30.	Used JOIN
C	How will you find if memory is allocated to a variable (malloc/calloc)?	If pointer!= NULL, then memory is allocated else not.
	What is a memory leak?	If previously allocated memory is not deallocated properly, that is said to be memory leak.
Networks	TCP/IP Difference between TCP and UDP DNS Firewall	

ROUND 4 : TECHNICAL INTERVIEW 3

Have you cleared the round : **YES**

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
DBMS	What is the Candidate key? Difference between TRUNCATE, DROP and DELETE. Write a query to display duplicates in a table.	Tried using subquery
DS	Logic behind Merge Sort and questions related to that.	Divide and Conquer
	How will you reverse a Linked list?	Just reversed the links pointing to each node and set the head pointer to the last node. https://www.geeksforgeeks.org/reverse-a-linked-list/
	How will you detect a loop in a linked list?	By setting a flag variable to visited nodes.
Networks	What are the topologies? LAN and WAN Which is reliable TCP or UDP? How will you identify the IP address of a system?	
OS	What is FCFS? Explain deadlock and its conditions.	
Project	About Mini Project	

ROUND 5 : TECHNICAL INTERVIEW 4

Have you cleared the round : **YES**

Details about Questions on 5th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
General	Regarding the job designation Family background Questions were asked from pre placement talk too.	
DBMS	Types of SQL What is Referential Integrity?	
OS	Which OS are you familiar with? Difference between Unix and Linux . Some Linux Commands. How will you kill a running process?	

ROUND 6 : HR

Have you cleared the round : **YES**

Details about Questions on 6th round:

- Introduce about yourself
- How was your Interview process?
- Have you been interviewed in the companies before?
- What do you know about Informatica?
- Why should I hire you?
- Why do you need this job?

AREAS TO PREPARE :

- DBMS
- DS
- Networks
- OS
- Competitive Programming

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- DS - Lucid Programming (Youtube), Javatpoint, geeksforgeeks
- DBMS, OS - Study Tonight, JavaTpoint, geeksforgeeks
- Competitive Programming - HackerRank
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OVERALL EXPERIENCE :

- The Overall Experience was good
- Interviewers were friendly and guided me throughout the process.

GENERAL TIPS :

- Be strong in all basic concepts and its real world applications
- Be clear while explaining your projects.
- Be confident throughout the interview.
- Join the interview panel 5 to 10 mins prior.
- During the interview, make sure your answers are right. Else feel free to tell your interviewer that you are not familiar with that answer.
- Do research on the company and Job description before attending it.
- Prepare according to the company.
- Practice coding daily. (at least an hour a day)
- Stay fixed with one programming language for clearing the first round.



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	:	K.Sashtika
ROLL NUMBER	:	1705102
DEPARTMENT	:	CSE
EMAIL ID	:	sashtikakannan@gmail.com
CONTACT NUMBER	:	8778171143
COMPANY NAME	:	Informatica
COMPANY TYPE	:	CORE
JOB DESIGNATION	:	Associate Software Engineer
SALARY (CTC)	:	6.7 LPA
INTERN OFFERED ?	:	YES
BOND	:	NILL
HAVE YOU PLACED ?	:	YES

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

COMMENTS ON SELECTION PROCESS :

ROUND 1:

Aptitude round which contains 55 questions-60 minutes duration which was in a platform conducted in a platform Aion platform. There were totally of 6 sections. Questions were from technical core subjects such as DS, DBMS, OS, Networks. Can clear this round if we are strong in core concepts in the subjects.

Have you cleared the round : YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 2:

Technical Round-1. This round is moderate. All the 4 rounds were face to face in these round questions were asked from technical core subjects. They will check our understanding level of concepts in the questions.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
DBMS	Primary key. Foreign key concepts	
Networks	Layers, Functions of each layer	

ROUND 3:

Technical round-2: This round is also of same kind. Questions were asked from technical core subjects.

And in this round, they asked about backend like what happens when you compile a program. How do you get your outputs likewise.

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
DS	Linear and non-linear data structure	

ROUND 4:

Technical Round-3: This round is little bit complex than others. Same type of questions only asked but little complex than two rounds not much more. And here some queries and simple programming questions were asked.

Have you cleared the round: YES

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
DS	What are the different types of memory	
DS	Implement a stack in c program	
DBMS	Write a query to fetch even number records Write a query to remove duplicates	

ROUND 5:

Technical Round-4: This was also face to face. Questions were from same topics.

Have you cleared the round: YES

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
DS	Notations (omega, theta) Binary tree concepts	
DBMS	Difference between DBMS and relational DBMS	

Round 6:

This is the final round which is Hr round. In this round general questions and questions from resume were asked like tell me about yourself, family, skills, why informatica.

AREAS TO PREPARE:

Technical core subjects.

General interview questions like implement queue using stack etc

Interview experience in geeks for geeks will be very useful in process.

OVERALL EXPERIENCE:

Moderate and team was friendly.