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① Sapiens

1st Round was Aptitude which was Online about 90 minutes. It was MCQ type & no -ve marking.

Time limit was less so just solve those questions first which ~~was~~ you know & try to solve all the questions.

Then there were 2 rounds after that

1st was technical

Q) What is diff betwn HashMap and HashTable?

Q) One logical question on C

Q) What is method overloading and overriding.

Q) They asked questions on CDAC Project. They tell to write down all db's used in your project & based on that they will ask ~~me~~ to write one sql query.

2nd Round ~~was~~ Non-Technical

Q) Tell me about yourself?

Q) I have 1yr gap after B.E. so they asked the reason for that?

Q) Then they asked question on BE project so be prepared for BE project also.

Q) One logical ques based on Banana Camel. like
~~A man~~ The owner of a banana plantation has a camel. He wants to transport his 3000 bananas to the market, which is located after the desert. The distance between his banana plantation and the market is about 1000 Kilometer. So he decided to take his camel to carry the bananas. The camel can carry at the maximum of 1000 bananas at a time, and it eats one banana for every kilometer it travels.

3rd Round was HR

Ques like tell me about yourself?

hobbies, strengths & weaknesses.

What do you know about our company.

Then they ask this one important question.

- Since company was ~~based~~ located in Bangalore so they ask-~~if~~ will you be able to relocate to Bangalore?

- Will you go to Israel if given opportunity? Since the company was Israel based.?

- PLEASE SAY "YES" if you want this company. to the above two questions.

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- Aptitude
- Technical Interview

- aptitude \Rightarrow Reasoning + java + sql

Technical Interview

- self Introduction

- I worked for 2 years, so he asked me about working profile.
- Project in detail explanation
- query on my one of the project's database table.
- fibonacci series code (logic only)
- You have 3 characters - a, b, c
Print all combinations of these characters
o/p = ab bc ca (write logic)
- No. of tables & their names with primary-keys
- The interview was for java profile & he asked me which technology will you choose if I gave u 3 options - java, database, analyst
(Never give answer by saying only 1 technology;
always say I am comfortable with any technology)
- Exception defⁿ
- Multithreading
- Diff. betⁿ thread & process
- overloading Vs Overriding
- overriding rules
- Diff. betⁿ HashMap, hashtable & Concurrent hashmap
- What is data structure?
- Linked List implementation

- BST Vs Binary Tree
- Time Complexity of Hashmap
- Bubble sort (logic only)

Sapiens

Samata Dalvi

- * Difference between final, Finally & finalize
- * What is Concurrent Modification Exception.
- * Explain Static blocks.
- * E-R diagram of project.
- * queries related to database.
- * Exception handling
 - * Collection API.
- * Explain major Pillars of OOPS.
- * Without using % operator checks number even or odd.
- * Tell me about yourself.

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1) Explain flow of your project.

→ database

→ E-R diagram

Technical 1

2) Explain Spring MVC

→ what is MVC?

→ advantage of MVC?

3) Explain Struts

4) -- Hibernate

→ How you used it in your project?

5) How HashMap works internally?

6) Explain final, similarity betwⁿ abstract & Interface, static.

Technical-2

7) Riddles :- a) Camel, 3000 banana

b) Faulty coin Machine

2) AS a TL of your team, what problems did u face in managing Team.

HR

1) You are on a Island with no food, water, How will you survive?

→ ans:- Be hopeful while giving answer.

Company :- Sapiens

Name :- Krishna Sonawane

* 1st Technical Round :-

- Q.1) Explain WorkFlow of your project
- Q.2) Can we use "private" keyword with Constructor.
- Q.3) Difference between Delete and Truncate.
- Q.4) Use of static method.
- Q.5) Logic for Bubble Sort
- Q.6) Number of tables used in Database of your project and name of the tables.
- Q.7) Which technologies you are aware?

* 2nd Technical Round :-

- Q.1) Tell me about yourself.
- Q.2) Do you know Hibernate? How it works?
- Q.3) What are your strengths?
- Q.4) Explain workflow of your project?

Q.5) Puzzle :-

There are 10 machines. Each machine is producing 1 coin and weighs 1 gram. But there is one machine (defective) which is producing coin of 2 grams. How will you identify the defective machine. You are given 1 weighing machine which weighs coins.

⇒ Solution :- I will take number of coins as per machine no.
ie 1st machine → 1 coin, 2nd machine → 2 coins
3rd machine → 3 coins
⋮
10th machine → 10 coins

P.T.O.

① If all machines are ~~not~~

① If none of the machine is Defective

$$1 \text{ coin} + 2 \text{ coins} + 3 \text{ coins} + 4 \text{ coins} \dots + 10 \text{ coins} = 55 \text{ coins}$$

When I will weigh 55 coins, I will get 55 grams

② 2nd machine is Defective

$$2 \text{ coins from 2nd machine} \Rightarrow 2 (\text{coins}) \times 2 (\text{grams}) = \underline{4 \text{ grams}}$$

$$\begin{array}{ccccccccccc} \text{1^{st}} & 1 \text{ coin} & + & 2 \text{ coins} & + & 3 \text{ coins} & + & 4 \text{ coins} & + & \dots & + & 10 \text{ coins} \\ & \downarrow & & \downarrow & & \downarrow & & \downarrow & & & & \downarrow \\ & 1 \text{ gram} & + & 4 \text{ gms.} & + & 3 \text{ gms.} & + & 4 \text{ gms.} & + & \dots & + & 10 \text{ gms.} \end{array}$$

$$\text{Defective Total} - \text{Actual Total} \Rightarrow 57 - 55 = \underline{2 \text{ grams}}$$

\therefore 2nd machine is defective

* HR :

Q.1) Tell me about yourself.

Q.2) Are you ready ~~to~~ to relocate?

Q.3) What are your strengths?

Q.4) With which technology you are comfortable?

Q.5) Why should I hire you?

DONE 

ALL THE BEST !!!

Questions Asked in Tech 1

- 1) database query.
- 2) final vs finally vs finalize()
- 3) ~~Project~~ Project Description & problems faced during project building.
- 4) Angle betⁿ minute & hour hand at 3:30 p.m.
- 5)

Q. No.	en	dep	max
1			4
2			4
3			4
4	net		

Company :- Sapiens

Name :- Purvaj. Pradhan

In Tech 2.

- 1) Diff. betⁿ delete & Truncate
- 2) Static block, variables & methods.
- 3) Hibernate Description (need & use)
- 4) Why we need immutability?
- 5) Unique Key & Primary key.

Deep Mehta

Sapiens Question

Technical interview

- 1) Project flow
- 2) Table created and primary keys and foreign keys
- 3) Difference between Array List and Linked List
- 4) Exception handling rules
- 5) What is Collection and all details about it.
- 6) ~~How~~ How Class gets loaded.
- 7) What is Multithreading?
- 8) What is Synchronization

Qapiens (Sheetal Nalvi)

First round :- Aptitude + technical (Logical reasoning, Probability, Passage).
(In technical Java mcQ's).

Second round :- Asked Everything On Project.

1) Tables in the Project.

2) Questions on Resume Like:-

→ What you learned in OS

→ " " " web programming.

→ JQuery & Javascript

→ Methods of JS (Eg. EventListeners).

→ What is MVC

→ Queries on tables of project.

→ Queries on Joins.

4) What was the role in your project.

5) Other than Spring who can use MVC?
(Struts, JSF)

6) Relation between the tables.

Third (Skype Interview)

round :- 1) Again on project (flow)

2) Queries on tables

3) What is XML.

4) Diff between JSON & XML

5) Puzzle :- 8 balls. One ball is weighing more than 7 balls. how can you find that in 2 pass if one Spring machine is given.