Akshay Mahajan - TIAA

Round 1 :- Aptitude and technical Questions.
    Logical & English   60 min - 60 ques.

    Technical Ques → Core Java & Database, Queries,

→ Coding round - TWO Questions. for (5 marks) ⇒ 30 min
  Q① 2 marks   ②2) 3 marks.

  level of coding Basic to Medium.

Round 2 : Group Discussion.

    → Design youtube application for Enhancement.

Round 3 - Technical Questions.
① Explain your project.
② How to create Thread ?
③ insertion Sort
④ Binary Search
⑤ What is Collection?
⑥ Hierarchy of collection
⑦ Arraylist vs copyonwrite Arraylist
⑧ Treeset → How it work.
⑨ What is checked Exception & unchecked Exception
⑩ ~~Exception~~ whether Exception is runtime or ~~Compile~~ Compile time
⑪ ~~Write~~ Based on your project, they will ask to you to write on Angular.
    ↳ Write TS, Html, service file as well as write Service for .net.

Round 4 - Manager Round

↳ Introduce Youreself

↳ Again they give scenario & Write code in Angular

Round -1

- Tell me about your self?
- Project flow
- Write down 2 services of your project from angular to dot net
- Polymorphism, real life & code example.
- Array is provided | 1 | 3 | 5 | 7 | 9 | add 8 at 3rd index & the previous data should be preserved
- find the abcdeacd occurance of each char
  eg   a-2, b-1, c-2...

Round 2
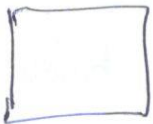
- Tell me something which is not in w Resume
- a file consist of stock price of Company name current date & amount in a row.

| Relaince todaysdate Shareprice |
| Hero   today'sdate Shareprice |

Today's date

[   ]

Next day date

In this way each new day a new file is created.

Write a code or algo & Solve this using DS not Database

Here client will provide the name of the company & date ~~date~~

O/p format : eg

Reliance — Date — Value

Insertion, selection, bubble — program

   merge, quick — concept

   & Time complexity

DS :- Single Linked list & Program — Adding, reverse, remove

    Theo Concept : Double Linked list, Stack, Queue, BST

Database : B- Normalization, ACID, Keys, Types of Keys, Constraints, Join, Aggregate f^n, View, Trigger, Temporary Table, Virtual table, Cursor, function & procedure /

                      —— Basic

(2) Java : Day 1 — Day 8

(3) Project flow

(4) Atleast 2 service.

(5) file handling, multithreading, Reflect^n Api — Basic

(6) Java-8 feature

(7) OOPs — Diamond Problem, 4 pillar with one real life example

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4 days

Prasad Joshi — 3

Pranay Pangerkar — 3

Mohini Gawde — 7

Omkar shelar — 3

Akshay ~~Mahajan~~ — Alternate 2 days

Ritik ~~Singh~~ Singh — 3.

Kunal kothari — ~~No limit~~ 4.

1st Round (Interview)

Tell me about yourself

Difference between C++ and Java

If java is better why still C++?

String

String Pool

How is object created in stringPool ?

Sorting Algorithm (complexity)
→ Bubble
→ Quicksort
→ Insertion Sort

Collection
→ Vector vs Arraylist
→ Your favourite collection
→ Which collection have you used in your project & why ?
→ Hashmap working
→ WAP to ~~never~~ check if string is palindrome
   (looking out for optimization)
   (They will give inputs modify your program accordingly)
→ Hash function
→ Given 2 ropes each ropes takes 1 hour to burn
   Both the ropes are homogenous Calculate 45 min
→ Primary key foreign Key

B.E project
→ Ma Reason behind choosing Project Topic
→ Project flow.
→ Different Scenario
→ What if was your role?
→ How many member are there in your group?
→ Calculations
→ What tables did you created?
→ 1 Service from Angular → middle tier (DAC project)

2nd Round (Interview
→ How was your exprience in DAC
→ favourite subject in DAC (module)
→ Why DAC?
→ why Java is your favorite longuage?
→ Ha Who was your favorite team make/least favorite
                                    team mate ?

→ Apti
→ Coding (2 questions)
   → highest of 3 number
   → reverse a number