Placement Experience with Amdocs

Interviewee 1:

Technical Round:-
- Any one project explanation and why this framework used and its real life use
- Sql vs no-sql
- Constraints in sql databases
- C++
- Difference between C/C++
- Pointers from declaration to their working
- How char pointer is different
- Pointer vs reference variable
- Dynamic memory allocation
- 2D array using dynamic memory allocation
- Delete keyword
- Malloc vs new
- What is return type of malloc
- Implement a class with method overloading and overriding
- Can constructor be private
- Friend function - run on compiler on above class
- What is Volatile int in C++
- Multilevel inheritance and diamond problem
- Does C also have pointers
- DSA question - Given a vector of strings, in each string if two consecutive char are same remove them - code to be written in front of them
- SQL - Join three table
- Write sql to sort in descending order
- Difference between order by and group by
- Unix - if you are familiar with unix, tell me 5 unix commands
- Puzzle - Camel and 3000 bananas

HR Round:-
- Brief intro
- Family background
- Why 1 year of gap after graduation
- Are you comfortable with relocation
- Salary breakdown

Interviewee 2:

1st Round - OA MCQ from core subject and one coding question easy-medium
2nd Round-
- Technical Interview (60 min) Introduction then questions from project,
- Core Java and few questions from Adv. Java, SQL,
- Few behavioral question and anything from resume they can ask

Interviewee 3:

Round 1: Online assessment

Round 2: Behavioral test

Round 3:
- Technical -Output questions on C++ -
- SQL queries(Joins)
- OOPs
- BST, AVL related questions
- Brief about project and motivation, tech stack used
- DSA theory related questions + 2 coding questions (array, string)
- Python basic
- Normalization forms

Round 4: HR