FastCode AI Interview Experiences

# **Slot: 1**

# **Procedure**

1. Test: No
2. Interview Mode: OCCAP office (Physical)

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# Sofia Sunam

**Personal View**: They had a fixed expectations from candidate they want. Did not select anyone from IISc.

**Status**: Attended till 2nd round and did not get selected.

**Interview Description**

## **Round 1:**

Educational Background of the Interviewer (only one member): Member from FastCode AI Team.

Project Specific Discussions: explained the projects that I was confident about

1. Power (a,n) from scratch using DP
2. Path find from -1 to 2 in a 2d array of 1 and 0 and -1 n 2.. 0 means deadend.. 1 means path exists
3. Transformer why attention has v and k different
4. Rag and why rag
5. Explain rag pipeline

**Round 2:**

* Different interviewer (one member)
* Backpropgation derivation
* SVD image compression derivation
* Symmetric matrix properties
* Greedy approach for job scheduling : There are 4 processes with different times of execution: A(4) B(3) C(2) D(1) and after k cycles one process can repeat. If k = 2 then one of optimal solutions: ABABACABCD. Empty/stall cycles allowed. Do with minimum total cycles. Soln: use maxHeap to store node and count. Decrease order sort. Check K and conseqcutive condn and put into solution.

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