🚀 DSA Training for FAANG Preparation

🎯 **Trainer**: Srinu Nampalli

▶️ **YouTube:** Algo2Design

📍 **Platform**: Google Meet (Live Interactive Sessions)

🕑 **Class Timings:** 6:45 AM – 7:45 AM (IST)
OR
8:00 PM – 9:00 PM (IST)

💻 **Practice Platform**: LeetCode

👩‍💻 **Programming Languages**: Java / Python

🎯 **Problem Coverage**: Easy ➡️ Medium ➡️ Hard

✅ **Focus**: We will solve 200+ hand-picked LeetCode problems from Easy, Medium, and Hard levels
➡️ Selected from real FAANG interviews
➡️ Focused on patterns & mastery

📞 **Contact:**

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Phone: +(91) 91770 39955

🚀 FAANG-Level DSA Course – Limited Seats! – Register:

🚀 DSA Syllabus for FAANG Preparation

🔹 Core Foundations

1. Time & Space Complexity
2. Bit Manipulation
3. Math for Coding Interviews

🔹 Data Structures

4. Arrays
5. Strings
6. Two Pointers
7. Sliding Window
8. Linked Lists
9. Stacks
10. Queues
11. Hashing

🔹 Recursion & Backtracking

12. Recursion
13. Backtracking

🔹 Tree & Graph Mastery

14. Trees
15. Binary Search Trees (BST)
16. Heaps / Priority Queues
17. Tries
18. Graph Algorithms

19. Topological Sort
20. Union-Find / Disjoint Set
21. Dijkstra's & Shortest Path
22. Minimum Spanning Tree (Kruskal's, Prim's)

🔹 **Algorithmic Patterns**

23. Sorting Algorithms
24. Searching Algorithms
25. Binary Search Variants
26. Greedy Algorithms
27. Dynamic Programming
28. Bitmasking

🔹 **Advanced Topics**

29. Segment Tree, Sweep Line
30. Binary Indexed Tree (Fenwick Tree)

🔹 **Interview-Readiness**

31. System Design Basics
32. Resume & Behavioral Interview Prep
33. Mock Interviews (Google Meet)