Debug With Shubham Notes

https://www.youtube.com/@DebugWithShubham

linkedin.com/in/debugwithshubham

instagram.com/debugwithshubham

t.me/debugwithshubham

topmate.io/debugwithshubham

4-day Interview Preparation plan

Digital Role 2025

Technical (DSA & Coding Concepts)

Arrays & Strings (Sliding Window, Hashing)

Recursion + Backtracking (basic problems)

Sorting (quick, merge, bubble)

Two Sum / Pair Sum

Longest Substring Without Repeating Characters

Merge Intervals

Arrays (Kadane's algo, sliding window)

Strings (palindrome, anagram, longest substring)

HashMap/Set use

Longest Substring Without Repeating Characters

Two Sum / Pair with Given Sum

Merge Intervals

Day 2: Core CS Subjects + Project Prep

Core CS Subjects:

DBMS: Joins, Normalization, Transactions

OS: Process vs Thread, Deadlock

CN: TCP/IP Model, HTTP vs HTTPS

OOPS: 4 Pillars with examples (Java/C++/Python)

🎯 Revise 1 DBMS query sheet (JOIN, GROUP BY, Subquery)

💡 Project Preparation:

Tech stack (HTML/CSS/JS for your case)

Logic (How calculator/sip logic works)

Challenges you faced

Any possible future improvements (like adding backend)

Day 3: HR + Managerial Round Prep

🎯 HR Questions:

Tell me about yourself

Why TCS Digital?

Strengths/Weaknesses

Flexibility, work under pressure, relocation

5-year plan

🎯 Managerial Round:

A time when you solved a conflict in team

Took a leadership role

Managed multiple tasks

Thought from a customer/product perspective

Day 4 (Optional Revision Day)

🎯 Mock simulation:

    Practice DSA problems

    Explain your project out loud

    Answer 3 HR and 2 Managerial questions aloud

🎯 Have 2–3 questions ready to ask the interviewer, such as:

"How is innovation encouraged at TCS Digital?"

"What kind of projects can I expect in the first year?"