

Guidance,

Q & A



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PART - III

codeRatnaNahiHai # intuitionZindabaad

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bhai bhai bhai

HardWorkedHai

LekinHaiEazy



2025



Special



Placement Roadmap for Year 2025

(For beginners/experienced)

Some Motivation before we start :-

" You have a whole new year to restart, refocus, reorganise , get back on track and correct the mistakes you did in 2024.

It's a new opportunity. Don't waste it.

...It is never too late ...

Next few months will be deciding what you will achieve by the end of this year...

“ Most People who doubt you ; doubt you because they can never see themselves doing what you are trying to do ”



BEGINNERS ALERT

#Freshers

How to start DSA from scratch ??

Step-1

Identify the Data Structures /Topics first :-

- ↳ Arrays → Basics, Search, Sorting Algos etc...
- ↳ Strings → Basics, substr, palindrome, pattern matching algorithms etc...
- ↳ Stack/Queue/Deque → Basics, how to implement, related famous problems...
- ↳ Linked List → Implement, traversal, insert, delete, reversal, cycle,

Single , double ...

↳ HashMap/Set → Basics, usage, time & space..

↳ Priority Queue/Heap → Concepts , implementation, time & space, usage, how to define etc...

↳ Recursion → Concepts , leap of faith, base case, how to write recursion like a story...
(only 18 videos)

↳ Tree → Binary Tree, BST, properties, insert, delete , traversals , height, depth, BFS, DFS , types of trees etc...

↳ Trie / Prefix Trees → insert, delete, search operations. **(3-4 videos)**

↳ Graph → one stop solution
"Graph Concepts & Qns" playlist...

↳ DP → One stop solution
"DP Concepts & Qns" playlist

↳ Segment Tree → For beginners → Basic/Medium Qns.

"Segment Tree Concepts & Qns".

↳ Sliding Window → Implementation, usage, Time & Space.

↳ Greedy → Medium/Easy Qns.

↳ Backtracking → How to, time & space, usage .

↳ Line Sweep Algo → Application, usage ...

↳ Monotonic → stack, queue, Deque, application, usage ...

↳ Cumulative Sum/Prefix Sum → Application, usage .

↳ Bit Manipulation → Concepts and Applications

↳ [Maths] → Lifetime with you...

Step-2 Study concepts/fundamentals
One by One

↳ Pick one topic.

↳ Fix a number of days for this topic.

↳ Study this topic's concepts/implementation etc...

↳ Solving Qns

↳ 10 Easy

↳ 20 Medium

↳ 10 Hard (only famous interview
in the beginning)

"Note :- Solve those Qns which are famous or
asked in interviews.
Such Qns often involve core usage
of the topic."

↳ Repeat Step-2 for other topics.

Step-3

When you study a topic & solve Qns, you will often observe patterns, for example:-

✓ fixed or variable-length subarray / substring — Sliding window
"Subarray", "contiguous",
"at most K" etc.

✓ Options — Recursion

↳ Repeating subproblems → DP

etc...

Let me know if you all want a separate video on identifying topics from Qns - works 80-90%.

Step 4

Try to give contests if you have roughly covered all topics.
what if you are not able to solve ???

- > 1. Identify why ?
- 2. which topic/type ?
- 3. New topic → Study
old topic → Revise
- 4. Try to explore different approaches
 - ↳ Leetcode Discuss
 - ↳ youtube (I usually do post-mortem of tough Qns so that beginners can also understand)



For Experienced Candidates

* Focus on Advanced topics

- ↳ DP
- ↳ Graph
- ↳ Segment Tree

For very Good Paying Product

↳ DSU

↳ Based
Companies

- * Revise important concepts → mentioned in Step-1
- * System Design Basics → 1, 2, 3 years experience.
- * OOPS → 1, 2, 3 years experience.
- * Intermediate/Advanced System Design +
LLD/Machine Coding } → Senior
Roles
(4+ Exp.)

How to be Consistent ???

If you are really determined to achieve
your goal, You should not be asking this
on to me



But there are few things you can
do :-

1. Set small goals - Daily/weekly

↳ Create small goals

↳ Don't set unrealistic Goals

↳ Break large topics into smaller sub-topics.

↳ Example :- Instead of completing entire Stack in 3 days, Give 2 days to "Stack implementation" 2 days to "Monotonic Stack" etc...

↳ Celebrate small wins.

↳ Dedicate specific time each day/week.

↳ Track your Progress

↳ Github.
↳ PDF notes.
↳ LinkedIn
↳ Journey on Insta.
etc...

If you honestly do above for atleast 1-2 weeks only, it will start becoming habit...

Key Takeaways

- Consistency is the key.
- Start small but stay regular.
- Believe in yourself - every expert was once a beginner
- 2025 is your year to shine ...

Above all, Thanks to You guys. ❤

Your comments have MOTIVATED me ❤

♥ LOVE & RESPECT
to all of you... ♥

So guys,

"A... c... o... n... g..."

"Hao, Story se

Code Likhe"

#codestorywithMIK



From No one

To



Thank You... ❤

असी Face थोड़ा change

होगया है



