

Below is the **same 50-day plan** enriched with **all major contests** on CodeChef, LeetCode, and Codeforces so you can slot them into your evening “contest” slots. Where possible, I’ve noted the typical recurring schedule—always confirm exact dates on each site at the start of each week.

50-Day Plan with Contest Calendar

Daily Rhythm (4–5 hrs/day)

- **Morning (1 h):** Theory & warm-ups (InterviewBit / HackerRank)
- **Midday (2 h):** Focused practice (LeetCode / CodeChef)
- **Evening (1–2 h):** Live contest or mock interview

Tip: Block “no-phone” coding sprints (25 min work, 5 min break).

Weekly Contest Grid

Platform	Contest Type	Frequency	Duration
Codeforces	Div. 3	Every Sunday (18:35 UTC)	1.5 h
	Div. 2	Bi-weekly on Saturday	2 h
	Div. 1+2 Combined	Monthly Wednesday	2 h
CodeChef	Long Challenge	10 days / month	10 days total
	Starters	Monthly (first weekend)	2 days
	Lunchtime	Monthly mid-month	3 h
LeetCode	Weekly Contest	Every Saturday	1 h
	Bi-weekly Contest	Every other Sunday	1.5 h

Slot your “Evening” coding into whichever contest falls that day, or swap in a mock if none are live.

Week 1 (Days 1–7): Fundamentals + CF Div 3

Day	Morning	Midday	Evening (Contest)
1	Arrays & Two-Ptrs (IB)	5× HR easy arrays	CF Div 3 (Sunday)

Day	Morning	Midday	Evening (Contest)
2	Strings & Prefix-Sum (IB)	5× LC Easy strings	LeetCode Weekly (Saturday)
3	Linked Lists (HR track)	5× CC Starters easy	CF Div 3
4	Binary Trees intro (IB)	4× LC Easy BT problems	— (Mock mini-contest)
5	Recursion fundamentals	5× HR recursion	CF Div 3
6	Debugging & edge-cases (IB)	5× mixed easy	CodeChef Lunchtime (mid-month)
7	Mock (6 mixed)	—	Editorial deep-dive

Week 2 (8–14): Graphs + CF Div 3 & Div 2

Day	Morning	Midday	Evening (Contest)
8	Graph basics (IB)	4× HR BFS/DFS	CF Div 3
9	BFS & DFS impl.	4× LC Easy graph	LeetCode Bi-weekly (Sunday)
10	Dijkstra (IB)	4× CC medium Dijkstra	CF Div 3
11	CC & tree dp	4× HR cc/tree-dp	CodeChef Starters (weekend begins)
12	Topo sort & cycle detect	4× LC Easy graph topo	CF Div 2 (bi-weekly Saturday)
13	Mixed graph (8 probs)	—	— (Mock)
14	Mock (6 graph)	—	Editorial debrief

Week 3 (15–21): DS & CF Maintenance

Day	Morning	Midday	Evening (Contest)
15	Stacks & Queues (IB)	5× LC Easy DS	CF Div 3
16	Hashmaps & Heaps (IB)	5× HR hash/heap	CodeChef Lunchtime
17	Fenwick Tree intro	4× CC medium BIT	CF Div 3
18	Segment Tree basics	4× LC Medium segtree	LeetCode Weekly
19	Sliding Window rev.	5× mixed medium	CF Div 3

Day	Morning	Midday	Evening (Contest)
20	Mock CF Div 2 (4 probs)	—	Editorial + speed-up
21	Mock (6 DS)	—	Edge-case hunt

Week 4 (22–28): DP Basics + Mixed Contests

Day	Morning	Midday	Evening (Contest)
22	1D DP patterns (IB)	5× HR DP basics	CF Div 3
23	2D DP & Knapsack (IB)	5× LC Medium DP	CodeChef Lunchtime
24	Tree DP refresher	4× CC DP problems	CF Div 3
25	Bitmask DP intro	4× HR bitmask DP	LeetCode Bi-weekly
26	DP opt. tricks (IB)	4× LC Medium	CF Div 2
27	Mixed DP drill (8 probs)	—	— (Mock)
28	Mock (6 DP)	—	Editorial deep-dive

Week 5 (29–35): LeetCode Medium Marathon

Day	Morning	Midday	Evening (Contest)
29	Recap medium patterns (IB)	3× LC Medium (array)	CF Div 2
30	Trees & Graphs medians (IB)	3× LC Medium (trees)	CodeChef Long Challenge (ongoing)
31	Backtracking & subsets (IB)	3× LC Medium backtrack	CF Div 2
32	Greedy & Heaps (IB)	3× LC Medium greedy	LeetCode Weekly
33	Two-Pointers advanced	3× LC Medium 2-ptr	CF Div 2
34	Mixed medium set (9 probs)	—	CodeChef Starters
35	Mock (5 medium + 1 easy)	—	Editorial + pattern summary

Week 6 (36–42): Mock Interviews & Contests

Day	Morning	Midday	Evening (Contest / Mock)
36	InterviewBit interview track	2× mock interview questions	CF Div 3
37	HR rounds & resume review	2× LC Medium	CodeChef Lunchtime
38	Behavioral prep	2× mock system design Qs	LeetCode Bi-weekly
39	Complexity & trade-offs	2× LC Medium	CF Div 2
40	Live debugging	2× LC Medium	CodeChef Long Challenge
41	Mixed mock: DS/DP/graph	—	— (Full mock interview)
42	Mock (4 probs + 1 design)	—	Editorial + feedback log

Week 7 (43–49): Final Marathon & All-Contest Blitz

Day	Morning	Midday	Evening (Contest)
43	Review weakest topics	CF Div 1 warm-up (past)	CF Div 3
44	Mixed rapid drills	6× LC Medium sprint	LeetCode Weekly
45	Team-style mock (solo roles)	5× mixed past regionals	CodeChef Starters
46	Stress test: 4× CF Div 1 rats	—	CF Div 2
47	System design flashcards	3× LC Medium	CodeChef Lunchtime
48	Full 3-prob, 3-hr CF sim	—	CF Div 2
49	Mixed track (DS/DP/graph)	—	LeetCode Bi-weekly

Day 50: Wrap-Up & Next Steps

- **Identify** 2 weakest areas & schedule daily 30 min drills
- **Plan** company-specific LeetCode lists + campus mocks

- **Celebrate** your CF-steady, LC-medium prowess!
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Heuristics & Pitfalls

1. **Contest Key:** Never miss your “home” contest: CF Div 3 on Sundays, LeetCode Weekly on Saturdays, CodeChef Lunchtime mid-month, Starters first weekend, Long Challenge spanning 10 days.
2. **Time-box:** 15–20 min per contest problem, then mark for review.
3. **Rotate:** Jump between platforms to expose yourself to different test-case styles.
4. **Graph Drills:** Code each graph pattern (BFS, DFS, Dijkstra, topo) twice—recursive & iterative.
5. **Mock Interviews:** Record & critique your live thinking to eliminate “uhms” in real interviews.

Stick to this schedule, and you’ll keep your **Codeforces** ~1200, regularly conquer **LeetCode mediums**, and rock every **CodeChef** and **LeetCode** contest you enter—while being fully interview-ready for top companies. Good luck!