6-Month Plan

Things to do every week: -
1. **Complete CDC target.**
2. **Give CODECHEF contest every Wednesday.**
3. **Revise OS/DBMS/OOPS (every Sunday).**

January 2023

Days	Week 1	Week 2	Week 3	Week 4
Targets→	Start DSA preparation. Basics of CPP.	Start DBMS for placements. Strong command on DSA Basics.	Continue DBMS for placements. Loops (Pattern Printing)	Complete DBMS. DSA basics (Arrays and Strings)

February 2023

Days	Week 1	Week 2	Week 3	Week 4
Targets→	DSA (Searching and Sorting). Start OS for placements. Start working on project.	DSA (Pointers and Double Pointers). Continue OS for placement. Continue working on project.	DSA (Static and Dynamic Allocation, Macros, Global and Inline Functions). Continue OS for placements. Continue Working on project.	DSA (Start Recursion) Complete OS for placements. Finishing touch to the project.

March 2023

Days	Week 1	Week 2	Week 3	Week 4
Targets→	DSA (Recursion and Practice Questions) Start OOPS for Placements.	DSA (Recursion and Practice Questions) Complete OOPS for placements.	DSA (Recursions and Practice Questions)	DSA (Linked List learning concept and practicing questions.)

April 2023

Days	Week 1	Week 2	Week 3	Week 4
Targets→	DSA (Linked List continued and practice questions). Start another project.	DSA (Linked List continued and practice questions). Continue working on the project.	DSA (Linked List finalized and practice questions). Continue working on the project	DSA (Stacks and practice questions). Finishing touch to the project.

May 2023

Days	Week 1	Week 2	Week 3	Week 4
Targets→	DSA (Stacks and practice Questions)	DSA(Queues and Practice Questions)	DSA (Binary Trees and Binary Search Trees)	DSA (Graphs started)

June 2023

Days	Week 1	Week 2	Week 3	Week 4
Targets→	DSA (Learn Different graph algorithms)	DSA (Dynamic Programming and Practice Questions)	DSA (Dynamic Programming and Practice Questions)	DSA (Dynamic Programming and Practice Questions)