6-Month Plan

Things to do every week: -

1. Complete CDC target.
2. Give LEETCODE contest every Sunday.
3. Revise OS/DBMS/OOPS (every Sunday).

May 2023

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| **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) |

June 2023

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| **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. |

July 2023

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| **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.) |

August 2023

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| **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. |

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| **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) |

September 2023

October 2023

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| **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) |