Akash Ingole DSA Sheet for Frontend

Array -

#	Question	Link	Difficulty
1	Two Sum	Link	Easy
2	Largest Element in an Array	Link	Easy
3	Second Largest Element in an Array	Link	Easy
4	Check if an array is sorted	Link	Easy
5	Remove duplicates from sorted array	Link	Easy
6	Stock buy and sell problem	Link	Easy
7	Move zeroes to end	Link	Easy
8	Left rotate an array by one	Link	Easy
9	Maximum subarray sum	Link	Medium
10	Subarray with given sum	Link	Medium
11	Equilibrium Point	Link	Medium
12	Trapping rain water problem	Link	Hard
13	3 Sum	Link	Medium
14	Product of array except itself	Link	Medium

String -

#	Question	Link	Difficulty
1	Palindrome check	Link	Easy
2	Anagram check	Link	Easy
3	Longest Common Prefix	Link	Medium
4	Reverse a string	Link	Easy
5	Leftmost repeating character	Link	Easy
6	Leftmost non-repeating character	Link	Easy
7	Reverse words in a string	Link	Easy
8	Reverse a string without affecting special characters	Link	Medium
9	Print all palindrome permutations of a string	Link	Medium

Stack -

#	Question	Link	Difficulty
1	Balanced Parenthesis	Link	Medium
2	Reverse Words in a String	Link	Easy

Hashing -

#	Question	Link	Difficulty
1	Count distinct elements	Link	Easy
2	Pair with given sum in unsorted array	Link	Easy

Linked List -

#	Question	Link	Difficulty
1	Middle of a linked list	Link	Easy
2	Reverse a linked list	Link	Easy
3	Detect loop	Link	Easy
4	Intersection point of two linked list	Link	Medium
5	Merge two sorted linked lists	Link	Medium

Binary Tree -

#	Question	Link	Difficulty
1	Height of Binary Tee	Link	Easy
2	Serialize and Deserialize a Binary Tree	Link	Hard
3	Search in a Binary Search Tree	Link	Easy
4	Invert a Binary Tree	Link	Medium
5	Path Sum	Link	Medium

Graph -

#	Question	Document	Difficulty
1	Employee Importance	Link	Medium
2	Rotting Oranges	Link	Medium

Youtube Videos -

1. Frontend DSA Interview Questions
2. Cleartrip DSA Interview Questions
3. Frontend DSA Interview Questions

React Machine Coding Questions -

#	Question	Document
1	Dark Theme	Link
2	Product Listing with Pagination	Link
3	Progress Bar	Link
4	Star Rating Component	Link
5	Create a Modal	Link
6	Create an Image Carousel	Link
7	Search with Debouncing	Link
8	Nested Folder Structure	Link
9	Counter	Link
10	Stopwatch	Link