**Sandesh Full Stack**

**1ST Round**

1] what is ‘this’ keyword & if you are giving example then write example.

2] what is the output of console.log(this ) and why?

3] write a program to convert string into pascal case.

Input: this\_is\_a\_string.

Output:ThisIsAString.

4]guess the output:

1…… const arr = [2,5,7,9,5,44,23,26]

const filter = arr.filter(i=>i > 23 && i < 9)

console.log(filter)

2………. const arr = [2,5,7,9,5,44,23,26]

const map = arr.map (i=>{

    if(i < 20 && i<= 9)

    return i

})

console.log(map)

3……. console.log(15>20 && (20 < 19 || 15 <20))

**Sourabh**

Round -2

what is Event Loop in javaScript?

what is Class?

Explain OOPs Concept?

How to pass data from parent component to nested child component?

what is async,await, promises ?

Did javaScript is synchronous or asynchronous?

what is flex box in css?

where you define media query?

how we can make website responsive?

What is Higher Order component?

Round -1

what is Redux?

what happed when we update state without setState in class component?

what is clouser?

what is LifeCycle method in React?

what is async,Promises?

find sum of max element and min element in an array?

round 3

W.a.p to string reverse?

W.a.p to string palindrome?

Implement Currying?

convert this  javaScript into tpircSavaj?

Question:

    question And Answer: -https://www.youtube.com/watch?v=sgKPhyt0z94

Question:

    suppose we have a cake in circle or square shape that cut into 8 pieces with 3 cuts. How you can do it?

    Answer: - https://www.geeksforgeeks.org/puzzle-3-cuts-cut-round-cake-8-equal-pieces/

Question:

    Exact Question: https://www.geeksforgeeks.org/puzzle-growing-water-lilly/

    suppose we can a magical pond that fill up in 20 days then in how many days it will be half ?

Most of Question are same in  Both Round

**Nikhil Pawar**

1 .What is Google search engine optimization and how to implement It ? Have you implement in your project?

2. What is server side rendering In React?

3. Asynchronous programming in JS?

4. Closure Based On closure they asked me to implement 1 function

5. When classes are added in JS? before ES6 How they can achieve/implement oops features without using classes

6. life cycle methods of React Component.

7. What is react?

**Sahil 1st round-**

1) How to make list from taking input in python?

2) What serializer does in django?

3) What is SQL?

4) difference between list and touple?

5) What is async await?

6) Fetch call with async await?

7) What are promises?

8) How many states promise has after resolution?

9) What is deep copy and shallow copy?

10) Immediately invoked function?

11) What is react component lifecycle,explain and list them?

12) what is Redux?

13) What is Redux -Thunk middleware? Why it is needed and How it works?

14) How useEffect works?

15) How to use useEffect as componentDidMount, componentDidUpdate, componentWillUnmont, ?

16) What is useEffect subscription and what it does and how many times it get called?

17) What is useMemo hook and what is useCallback hook does?

18) What useState does?

19) Can you make the custom Hook?

20) Create counter with increament and decrement in react.

21) When click on button u need to scroll to the perticular div using HTML .

22) what is pure component?

23) What is specificity in CSS ?

**Sahil Second Round**

1)Is JavaScript object Oriented language?

2)How inheritance happen I'm js?

3)How JavaScript works Asynchronously?

4)What is Event Loop in JavaScript?

5) Why there is need of pure components in react?

6)What are the pure functions?

7)Write program to get index of last Duplicate in an array = [ 1,8,3,2,5,3,2,6,3,7] Output - 2 - 6,3 - 8

8) Which react component u have used?

9)And why do you prefer?

10) Can we use useEffect as the component life cycle methods?

11) Which hooks have u used?

12) Tell about django architecture?

13) by which way we can pass data to child component instead of passing through props?

**Rachakonda Sai kumar**

@ Python questions

1.what are decorators and generators and why to use them.

2.have you used decorator in django

3.problem: arr=[1,7,-6,15,7,9,0,2,-3]

Seq=[7,15,-3]

Return true if the sequence is present in array in the same order else return false.

There will be follow up questions based on how you write your code .