



Wahab Zafar

Web Developer

+ CREATE

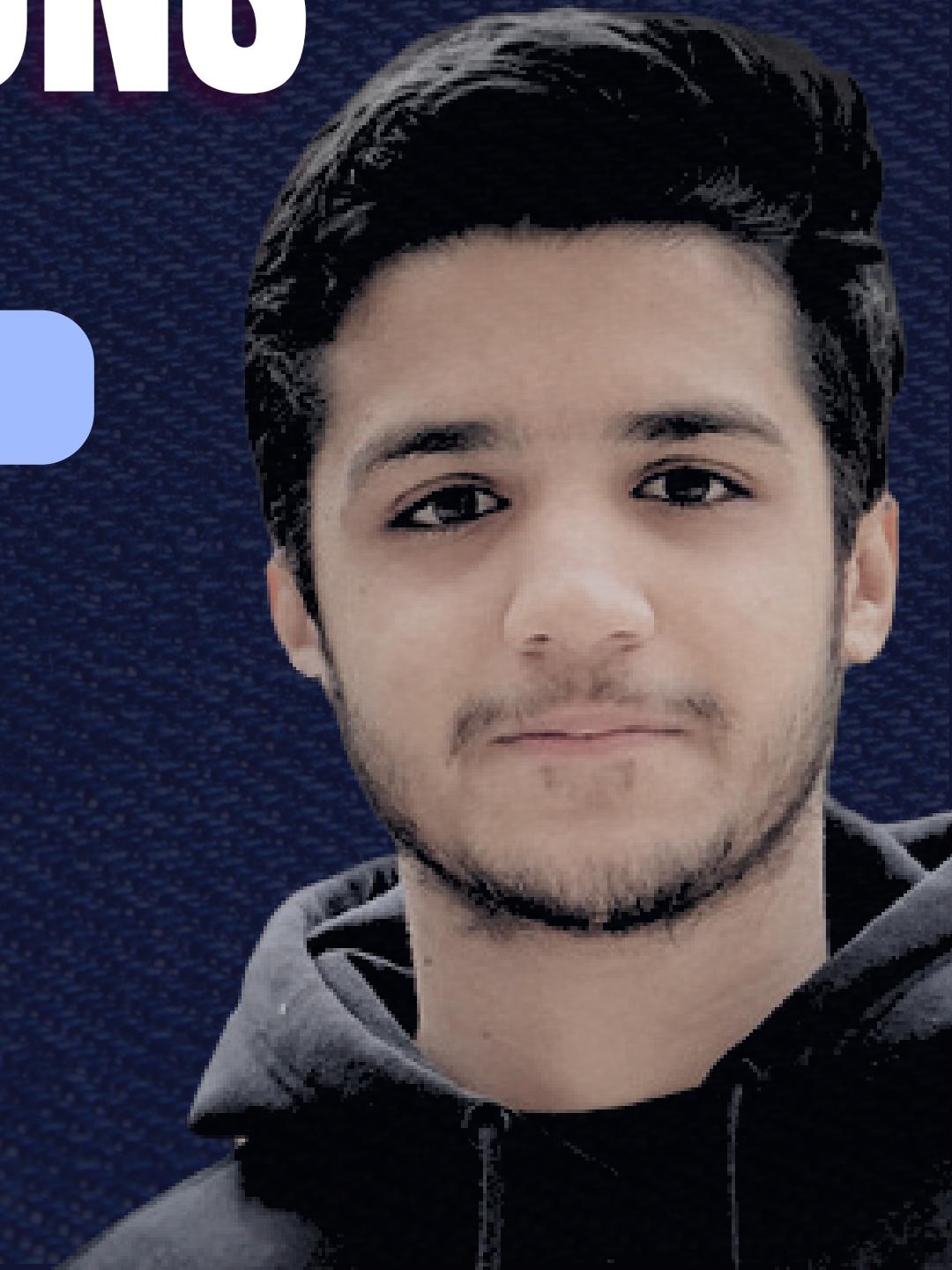


# LEARN CRUD OPERATIONS



Javascript

React



Javascript

# CREATE

Array Containing 3 strings



```
let Array = ["John", "Jane", "Doe"];
Array.push("Alex");
```

Added Dynamically

["John", "Jane", "Doe", "Alex"]

Output

React

# CREATE



```
const [Array, setArray] = useState(["John", "Jane", "Doe"]);  
setArray([ ...Array, "Alex"]);
```

Got Array in this state

Added new one using Spread Operator

["John", "Jane", "Doe", "Alex"]

Output same as Javascript

Javascript

# READ



```
let Array= ["John", "Jane", "Doe"];
Array.forEach(name => console.log(name));
```

Same Array

"John", "Jane", "Doe"

Used .forEach to log all the strings  
Output will be logged  
In the console

React

# READ

Same Array in React State

```
const [Array, setArray] = useState(["John", "Jane", "Doe"]);  
{Array.map((name, index) => (  
  <p key={index}>{name}</p>  
))}
```

Iterate the array and output 3 p tags with names

```
<p>John</p>  
<p>Jane</p>  
<p>Doe</p>
```

Output as HTML

Javascript

# UPDATE

Set the same name if doesn't match



```
let Array = ["John", "Jane", "Doe"];
Array = Array.map(name => name == "John" ? "Alice" : name);
```



Checks for “John” and replaces it

["Alice", "Jane", "Doe"]



Replaced String in Output

React

# UPDATE

.map() will return new array and got stored



```
const [Array, setArray] = useState(["John", "Jane", "Doe"]);
const updatedArray = Array.map(name => name === "John" ? "Alice" : name);
setArray(updatedArray);
```

Almost same as Javascript

["Alice", "Jane", "Doe"]

Replaced name in Output!

Javascript

# DELETE

— Array having 3 strings

```
let Array = ["John", "Jane", "Doe"];
Array = Array.filter(name => name != "Doe");
console.log(Array);
```

— makes new Array except "Doe"

["John", "Jane"]

— Output with 2 strings

React

# DELETE

.filter iterates and return new array



```
const [Array, setArray] = useState(["John", "Jane", "Doe"]);  
const updatedArray = Array.filter(name => name != "Doe");  
setArray(updatedArray);
```

New Array without “Doe” is stored

["John", "Jane"]

Array with deleted string



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