Two ways to remove array element at a given index position:

1. delete operator
let arr = [1,2,3,4,5]

delete arr[2]

console.log(arr)
Array(5) [1, 2, <1 empty slot>, 4, 5]

// replaces the element with an "undefined" element (equivalent of removing the element)

2. splice method
arr=[1,2,3,4,5]
console.log(arr)
Array(5) [1, 2, 3, 4, 5]

let rm = arr.splice(2,1) // remove 1 element from index 2
console.log(rm)
Array [3]   // returns array with removed elements

console.log(arr)
Array(4) [1, 2, 4, 5]

let rm = arr.splice(2,1,7,8)   // remove 1 element from index 2 and add 7 and 8 at that position
console.log(rm)
Array [4]

console.log(arr)
Array(5) [1, 2, 7, 8, 5]