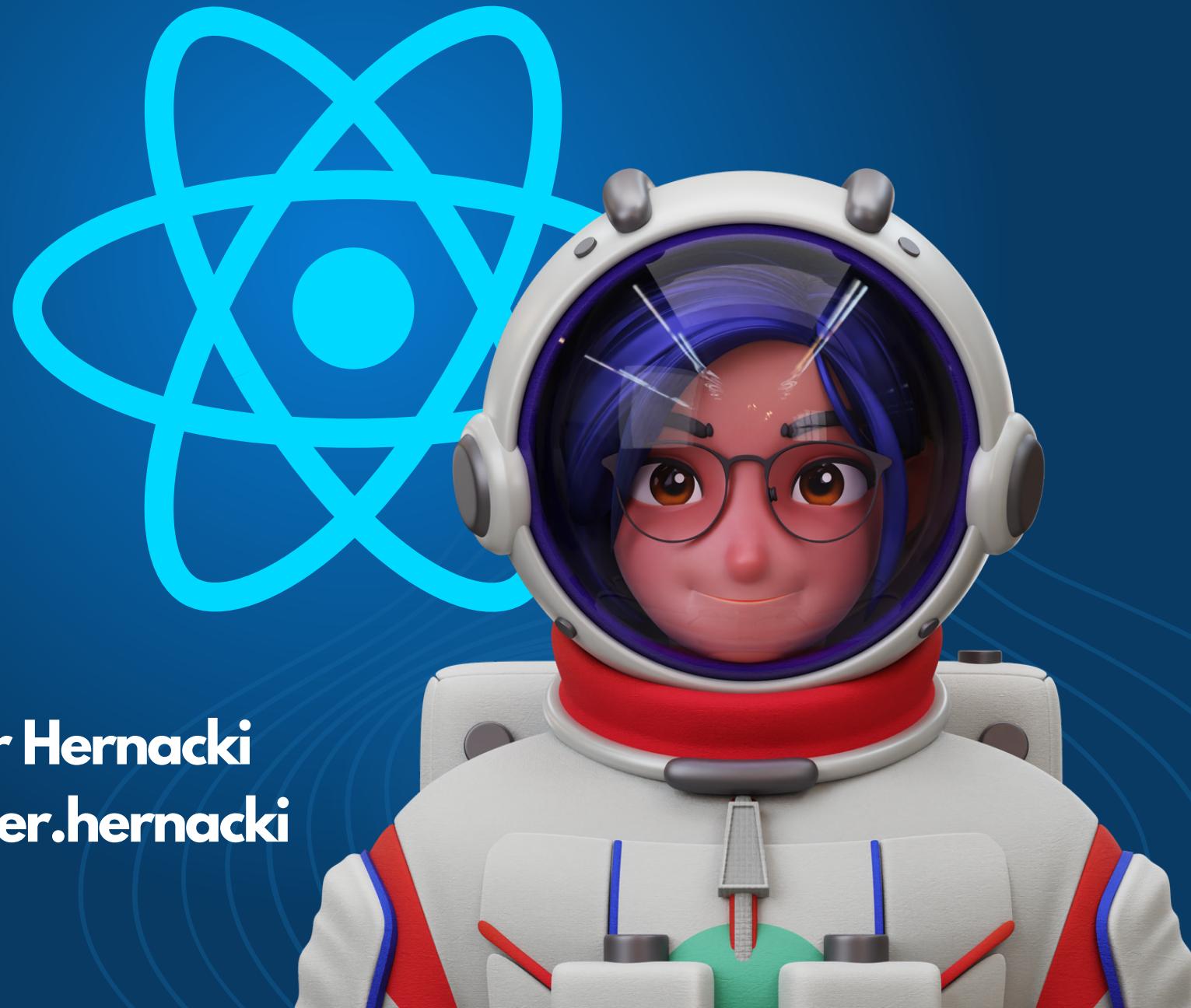


# React

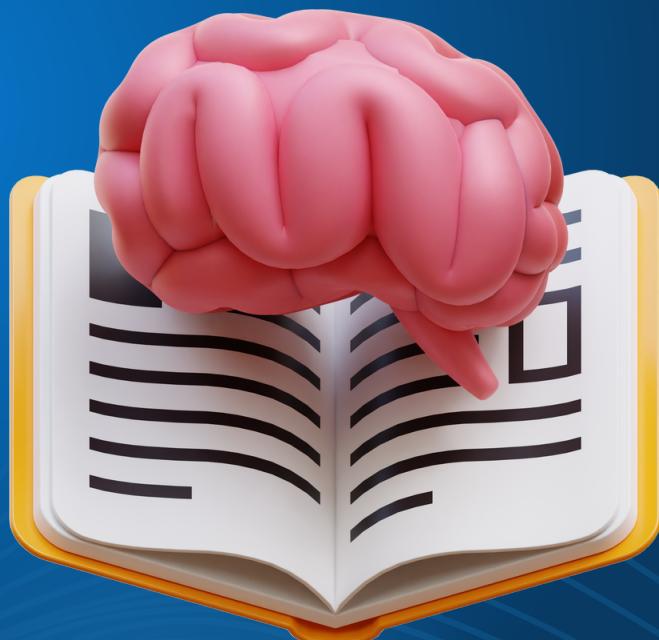
## useMemo()



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# Intro

**React has a built-in hook called `useMemo` that allows you to memoize expensive functions so that you can avoid calling them on every render.**



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**You simple pass in a function and  
an array of inputs and useMemo will only  
recompute the memorized value when  
one of the inputs has changed.**



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# Syntax



```
- const initialCandies = ['snickers', 'skittles', 'twix', 'milky way']
+ const initialCandies = React.useMemo(
+   () => ['snickers', 'skittles', 'twix', 'milky way'],
+   []
+ )
```

**useMemo hook allows to render function  
only when value needs to be retrieved, not  
one every render!**



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**Presented example is very simple,  
so applying this method with `useMemo`  
hook, does not make significant difference.**

**However, it shows perfectly - How it can be  
used.**

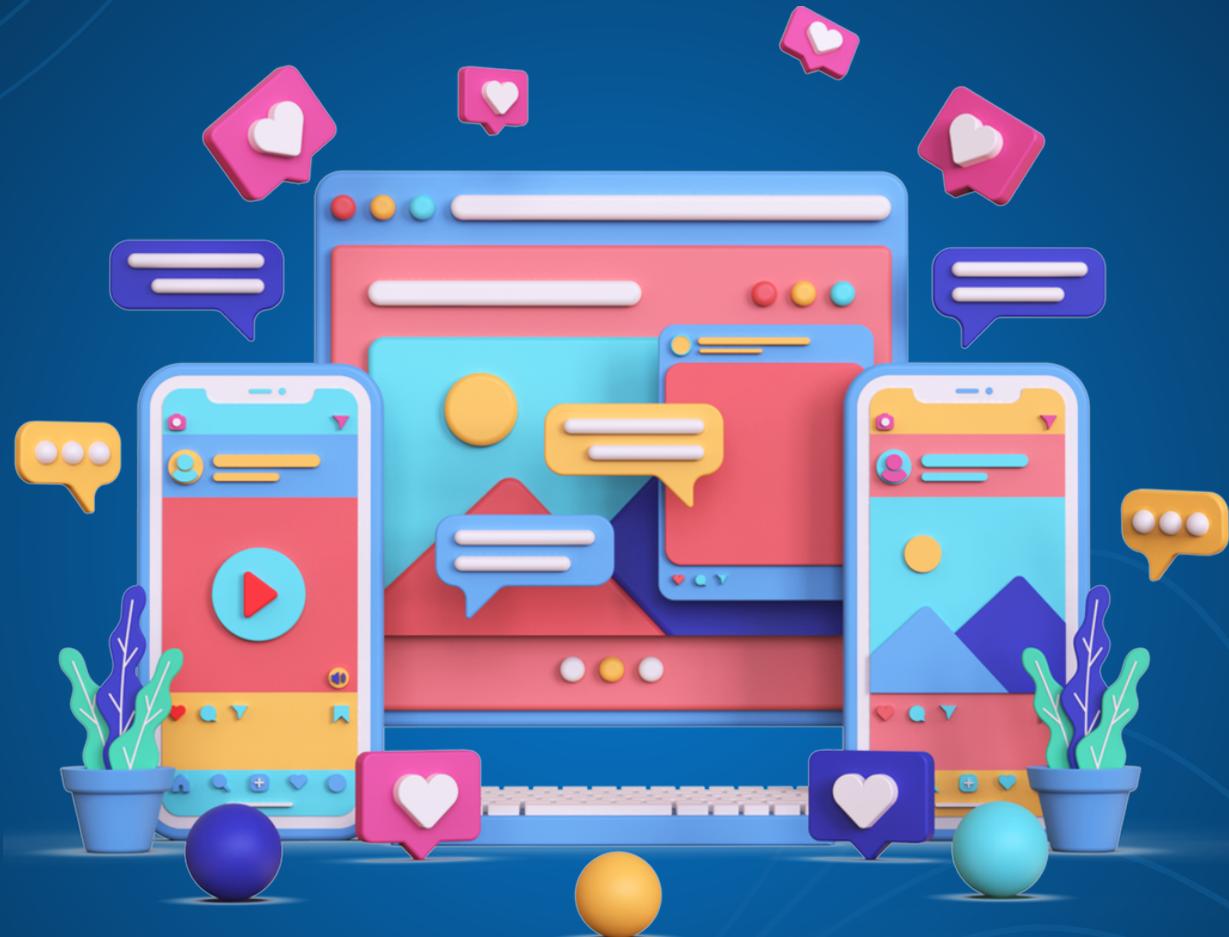


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