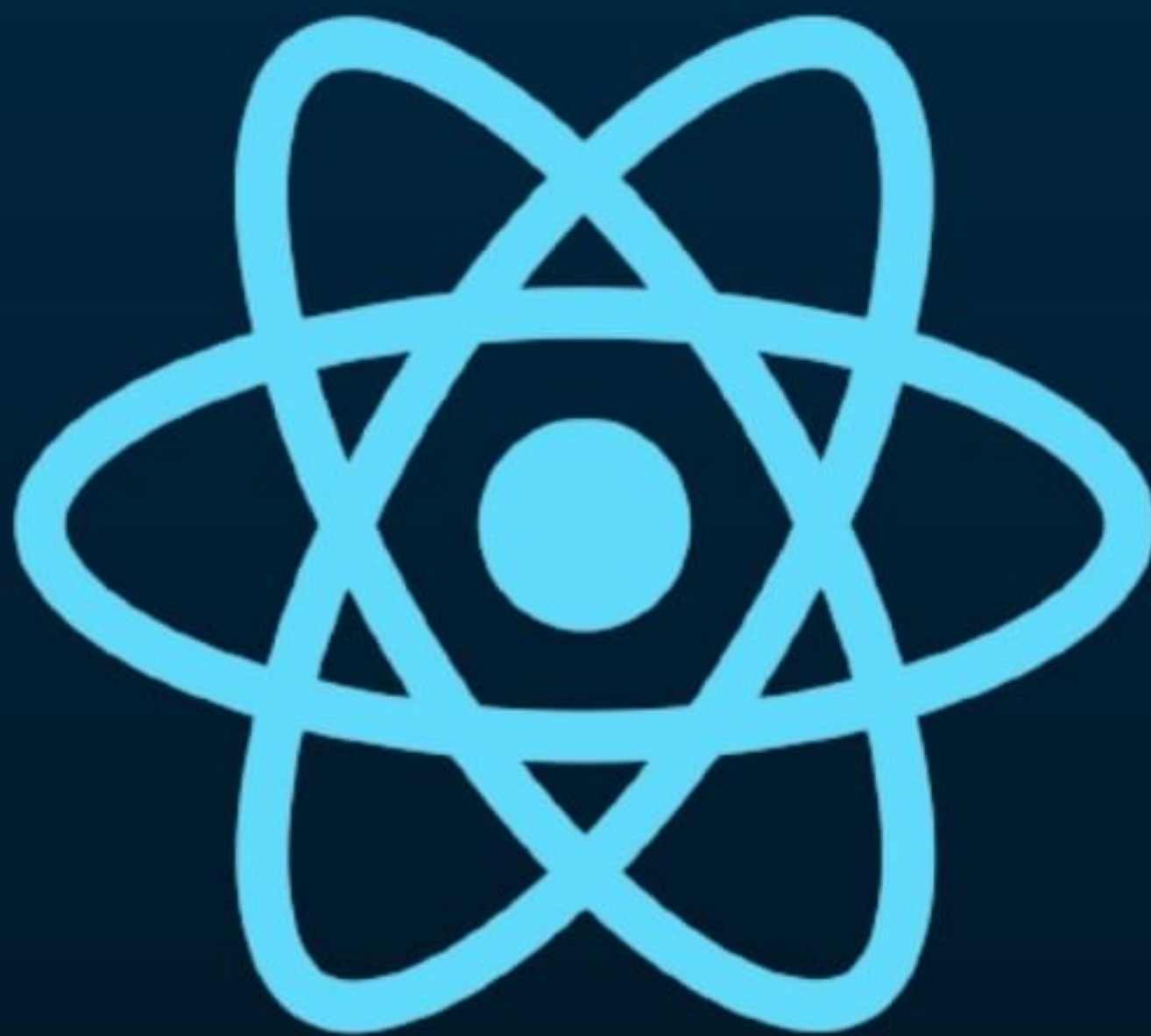


Props in react



Props

Props is short for **properties** and they are used to **pass data between React components**.

React's data flow between **components** is **uni-directional** (from parent to child only).

A component is an **encapsulated piece of logic**. For example, here's a component that displays a Hello, World! message:

```
function HelloWorld() {  
  return <span>Hello, World!</span>;  
}
```

Pass data with props


```
class ParentComponent extends Component {  
  render() {  
    return (  
      <ChildComponent name="First Child" />  
    );  
  }  
}  
const ChildComponent = (props) => {  
  return <p>{props.name}</p>;  
};
```

Firstly, we need to define/get some data from **the parent component** and assign it to a child component's "prop" attribute.

```
<ChildComponent name="First Child" />
```

"Name" is a defined prop here and contains text data. Then we can pass data with props like we're giving an **argument to a function**:

```
const ChildComponent = (props) => {  
  // statements  
};
```

And finally, we use **dot notation to access the prop data** and render it:

```
return <p>{props.name}</p>;
```


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