

## \* Observing state :-

Recall the state data is internal to the component itself.

This allows the components to re-render based on the changes in the state data and present the newest updates to the user.

## \* Managing state :-

Prop drilling is a commonly used term to describe having to pass state props in several layers of components from parent to the child, to the grandchild and so on.

## \* React state management

passing props - helps to manage state



Context API - It is like teleporting to destination instantly.

Context provider - Component that stores the state.

Context Consumer - Components that will use the state.

## \* Stateful vs Stateless

- Stateful component holds states as internal data and its state changes based on the way the app is build often as a result of user action
- Stateless component doesn't store states and any changes must be inherited through props.

When to us :

Stateless - State not needed to work

Stateful - State must be maintained to work.

