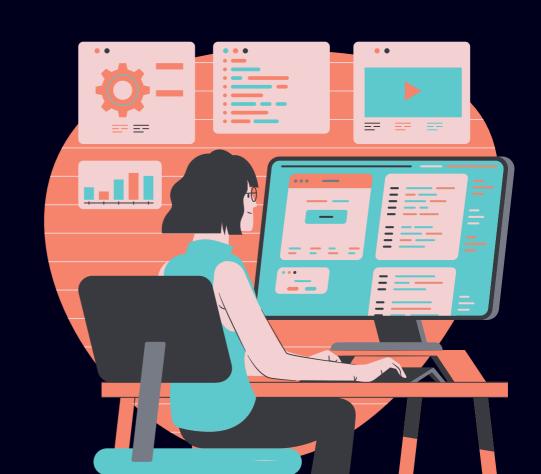# React JS

Source: Chai Aur Code

Instructor: Hitesh Choudhary

Notes: Araiz Naqvi

For my connections and me :)

Part 6

React Fibre

The main goal of creating the **React Fibre** was the problem where **another update would occur as soon as an update was made on the page**, which needed changing too. So, instead of updating many times we can wait for a couple of more seconds and update all at once. This is where Fibre comes in.

Reconciliation

This is an algorithm that React uses to **differentiate between two trees**.
Trees are what React creates each time a new render is done, then these **trees are compared and the differences are updated** rather than having an entire tree rendered again.
Re-rendering the entire app can be **very daunting** and **costly in terms of performance**.

Key Points

- It is **not necessary to make every update** as soon as it appears.
- Different **updates have different priorities**.
- **Push is handled by the user and Pull is by React**.

Fibre

To solve all the deficiencies of reconciliation, we use **Fibre**. The key improvements it provides are:

- It helps you **pause work** and **come back to it later**.
- **Allows aborting** when necessary.
- **Assign priority** to different works.
- **Use previously done updates** and **re-use** them.

Thanks