React

The Plan

Day 1:

- ❖ Why was React created?
- ❖ Thinking in React
- ❖ Micro examples
- ❖ Component architecture
- ❖ Styling
- ❖ Creating React app

The Plan

Day 2:

- ❖ Create a React app
- ❖ Setup Tailwind
- ❖ Add react-router-dom
- ❖ Add react-query
- ❖ Create News

The Plan

Day 3:

- ❖ Finishing data fetchings
- ❖ Add authentication
- ❖ Postgresql RLS
- ❖ Context API
- ❖ Load more and Infinite query

The Plan

Day 4:

❖ Deploy to vercel
❖ Where to go next?
❖ Wrapping up
❖ Q & A

The Goal

- ❖ Learn React basics and its hooks
- ❖ Mindset about component architecture
- ❖ Interact with external apis
- ❖ Be able to build simple applications
- ❖ Deploying on the web

What will not be covered?

- ❖ Advanced hooks
- ❖ Difference between React and other libraries, frameworks
- ❖ Server side and static rendering
- ❖ Performance optimization
- ❖ React internal stuff

How to get the most out of this course?

❖ Ask question
❖ Build multiple simple application each day
❖ Read the final code on Github
❖ Be curious

App #1: Todo List

Pros:

Fast as possible - Small bundle size - No overhead

Cons:

DOM manipulation and interactivity - Code organization

Build and bundling

App #2: Todo List with React

What we have learned?

- JSX
- Uncontrolled Forms
- Vite
- useState
- Event handlers

App #3: Avatar generator

What we have learned?

- Controlled Forms
- Fetch API
- CSS Module
- Props and children
- Component
- Inline styles
- Ref and forward ref
- Lifting up state