

Reactjs workshop

What I will teach in 6 hours of react github.com/ghndr/react-cart-workshop

- [15m] Ice breaking
- [03m] Libraries vs frameworks
- [05m] React and Angular comparison, maybe bring in VueJS (pros and cons)
- [01m] Organizations that use react
- [20m] Setting up the development environment
- [05m] Installing create-react-app globally
- [07m] creating a project with create-react-app
- [05m] breaking down the existing folders and files (package.json, node_modules, public...)
- [03m] Running the project
- [05m] Types and behaviour of tags in react (self closing, paired tags, children..)
- [03m] Modifying the src/App.js and view the changes.
- [03m] breaking down the src/index.js
- [05m] What is a component (breaking down LinkedIn's feed components)
- [05m] Breaking down the component (imports, render()...)
- [05m] What is the state and how do we use it ?
- [05m] Adding some state to src/Apps.js and explaining what the `this` keyword refers to
- [02m] Declaring a variable and using it inside the jsx
- [03m] Talking about `let` and ES6/7..
- Introducing `</React.Fragment>`
- [02m] Presenting the project that we are going to build in 6 hours (a shopping list)
- [03m] They will then break down the project into components.
- Start the project
- [02m] Setting a folder/file structure
- [06m] Creating all the component folders and files
- [10m] Installing and importing bootstrap 4
- [25m] Coding the first component Appbar.jsx
- Prepare the basic Component code
- Grab some navbar code from the bootstrap docs.
- the Ctrl+D trick to replace all every class with className
- ***** DAY TWO *****

- [25m] Coding the the next component (ProductList.jsx)
- Introducing ``<React.Fragment></React.Fragment>`
- Introducing Arrow functions
- Introducing the ``.map()`` function
- [15m] Coding the next component (Product.jsx, still no props yet, a static component to display foreach element in the products array in ProductList.jsx)
- [15m] Introducing Styling in react, (scoped styling, global styling, in js styling, no js styling)
- [03m] Fix the prouductList.jsx styling (add ``display: flex`` make the parent div compatible with bootstrap)
- Introducing Styling in react, (scoped styling, global styling, in js styling, no js styling)
- [05m] Introducing props
- [02m] Pass the ProductList Array via props to each Product
- [05m] Introducing the ``key`` prop
- [10m] Accessing the props from ``this.props.product`` and using them to fill our product.
- [03m] Adding state to src/App.jsx for the cart
- Creating the ``handleAddToCart`` method (make it replace the current cart items)
- Iterating through the cart and displaying the content on the App.js temporarily
- Passing the ``handleAddToCart`` method down to the Product.jsx child
- Fixing the ``handleAddToCart`` by making it append items instead of replacing them
- Passing down the `cart.length` to the AppBar to visualise the number of cart items through the badge
- In
- Introducing props