REACT

LESSON 1

CO2214 - PRACTICAL WORK ON CO2224

2020/2021

What is React?

- Open Source Library for Building User Interfaces (UI)

1. Not a Framework
2. Focus on UI

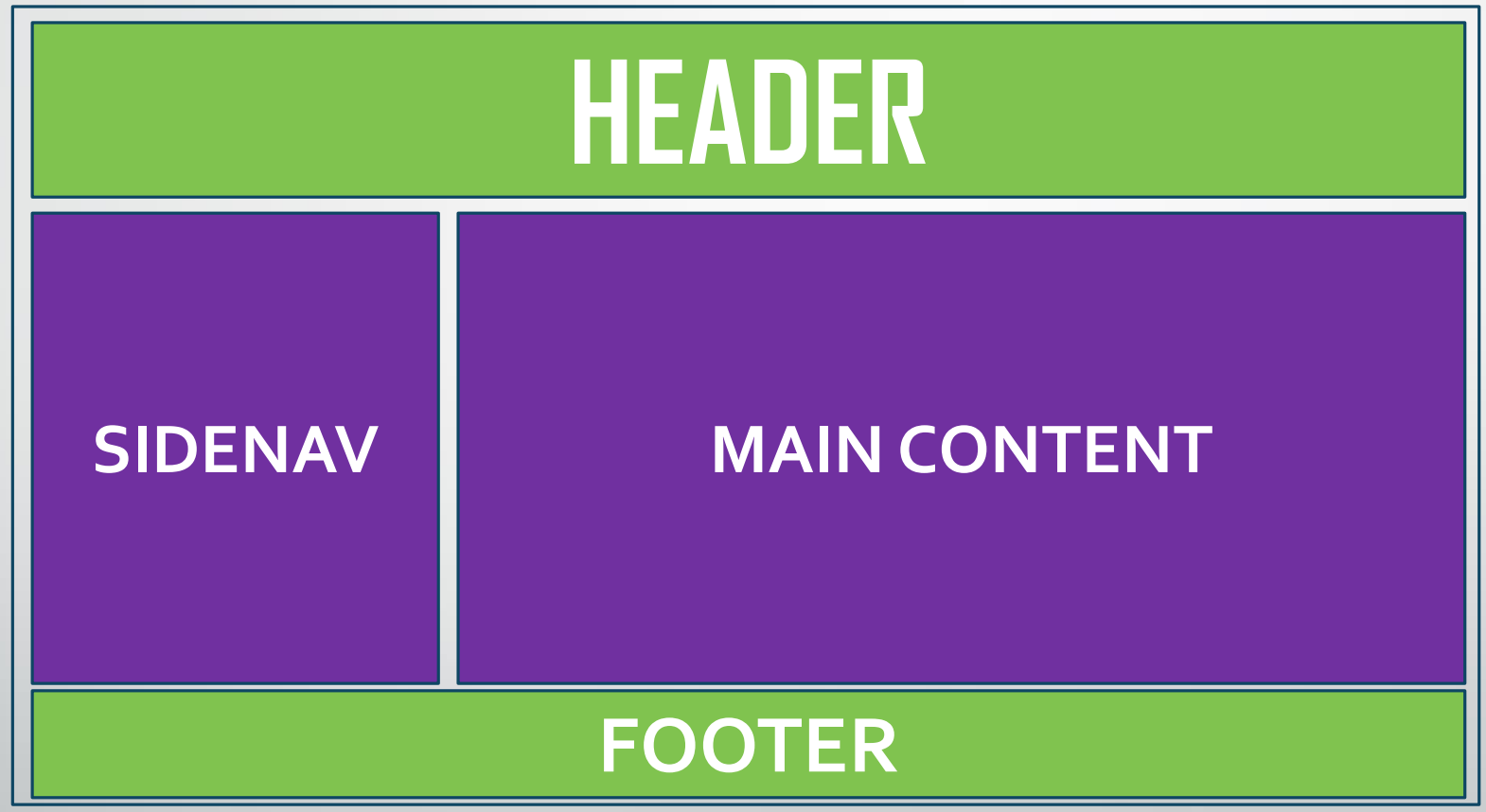
- Rich ecosystem

Why learn React?

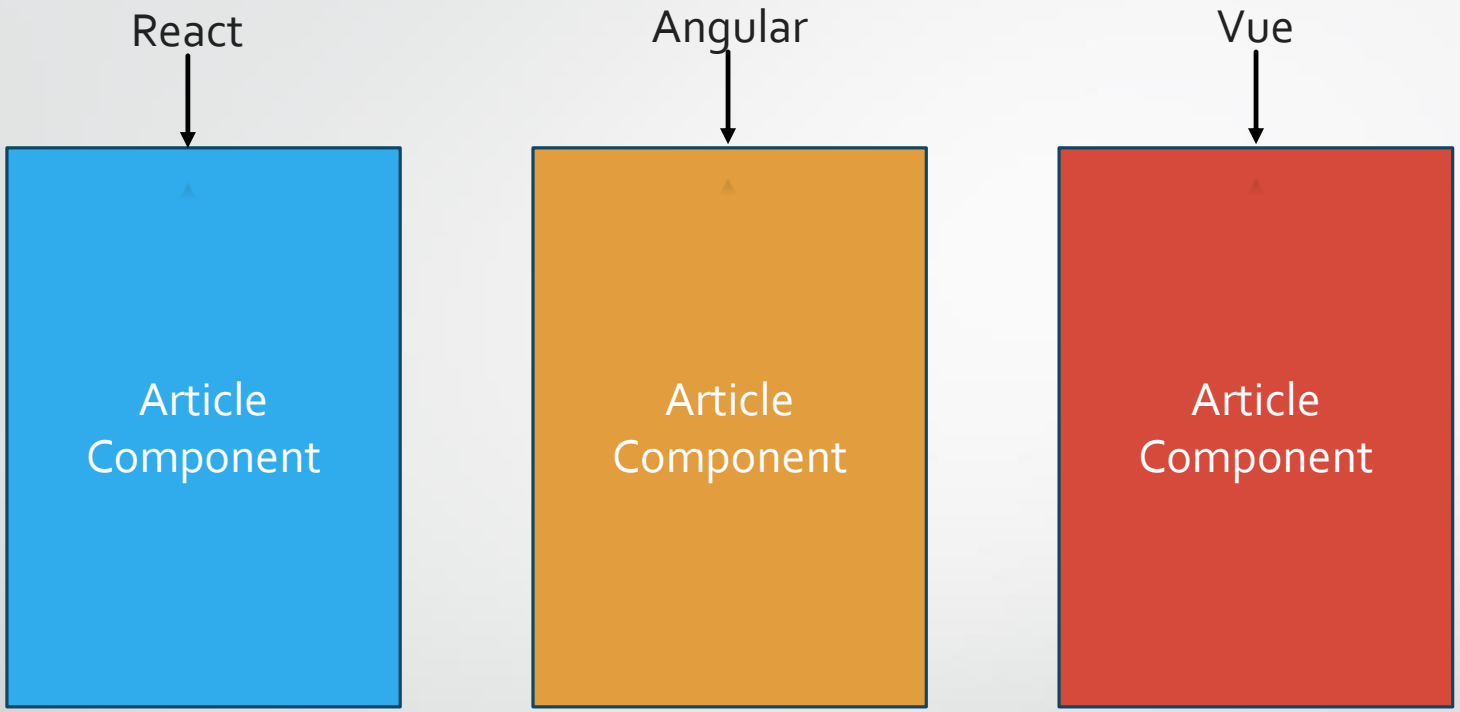
- Created and Maintained By Facebook
- More than 100k Starts on GitHub
- Huge Community
- In Demand Skillset

Technical aspects of React why it is a good choice.

- Component Based Architecture



➢ Reusable Code



- React is Declarative.
  - ✓ Tell React what you want and React will build the Actual UI.
  - ✓ React will handle efficiently updating and rendering of the components.
  - ✓ DOM Updates are handles gracefully in React.
- More on Why React?
  - ✓ Seamlessly integrate react into any of your applications.
  - ✓ Portion of your page or complete page or even entire application itself.
  - ✓ React native for mobile applications

Prerequisites

- ✓ HTML,CSS and JavaScript fundamentals
- ✓ ES6
- ✓ JavaScript - "this" keyword, filter, map and reduce
- ✓ ES6 - let & const, arrow functions, template literals, default parameters, Object literals, rest and spread operators and destructing assignment.

Content – React

- ✓ Fundamentals
- ✓ HTTP
- ✓ Routing
- ✓ Redux
- ✓ Utilities