**React**

**Day 2nd**

React JS is one of the JavaScript library to create Single Page Application. We have several libraries to create SPA and the first is Angular JS, React JS, EmberJS, Knockout JS, Meteor JS and SvelteJS VueJS. Among these libraries React is very popular and it is very lightweight library compared to others. It is created by Facebook in the year 2013 for their internal application they created their own library called React and then Facebook made it as open source.

**History (Wikipedia) (React & Angular)**

In the year 2009 Google developers created the first single page framework called Angular JS. React was created by **Jordan Walke**, a software engineer at Meta, who released an early prototype of react called “FaxJS”. He was influenced by XHP, an HTML component library for PHP. It was first deployed on Facebook’s news feed in 2011 and late on Instagram in 2012. It was open sourced at JSConf US in May 2013.

In react he introduced a beautiful concept that is **Component Based Architecture (CBA)** it is nothing but a reusable piece of code to make a website. Then Vue JS came in the picture and it’s a framework. (TS and JS)

Deprecated

Google

Google

Facebook

Language

JavaScript & Typescript

Components Based Architecture

Library

Pattern

React JS

2013

Language

JavaScript

Framework

Pattern

Model View Controller (MVC)

Angular JS

2009

Single Page Application

**What is the difference between JS and TS??**

Angular 2

2014

Components Based Architecture

Pattern

Language

Typescript

Angular JS

2009

Functionality wise same but there are some differences here that we need to understand.

**Angular 2 history and differences between Angular 1 and 2**