

REACT Course

Session 1 Introduction to ReactJS

- History of front end libraries
- Motivation for using React
- Key differentiators
- Thinking in React

Session 2 – React Components

- React component
- Render function
- Component API
- Component lifecycle
- State
- Props
- Mixins
- JSX

Session 3 – React internals

- Reconciliation algorithm

Session 4 – Component inter communication

- Component composition
- Pass data from parent to child
- Pass data from child to parent

Session 5 – Component styling

- Radium
- CSS Modules
- LESS/SASS

Session 6 – Unit testing components

- Jasmine
- React test utilities

Session 7 – Performance optimizations

- PureRenderMixin
- Expensive DOM manipulations
- Performance tools