

## React

| Stream   | Main Topic     | Topic   | Resources   | Helpers   | Assignments   |
|----------|----------------|---|---|---|---|
| Frontend | React          | <b>Intro, Features, Setup, Fundamentals (JSX, Virtual DOM)</b>                          | <a href="https://reactjs.org/docs/getting-started.html">https://reactjs.org/docs/getting-started.html</a>             | <a href="https://www.youtube.com/watch?v=Z3KuLJQhKWA&amp;feature=youtu.be">https://www.youtube.com/watch?v=Z3KuLJQhKWA&amp;feature=youtu.be</a>   | <a href="https://magic.reactjs.net/htmltojsx.htm">https://magic.reactjs.net/htmltojsx.htm</a>   |
| Frontend | React          |   | <a href="https://reactjs.org/docs/introducing-jsx.html">https://reactjs.org/docs/introducing-jsx.html</a>             | <a href="https://www.youtube.com/watch?v=nvHeB32ICDM">https://www.youtube.com/watch?v=nvHeB32ICDM</a>   | <a href="https://fahmidasclassroom.com/how-to-convert-html-template-into-react-project/">https://fahmidasclassroom.com/how-to-convert-html-template-into-react-project/</a>                           |
| Frontend | React          | <b>Props, State, Components</b>   | <a href="https://reactjs.org/docs/components-and-props.html">https://reactjs.org/docs/components-and-props.html</a>   |   |   |
| Frontend | React          | <b>LifeCycles, Hooks</b>  | <a href="https://reactjs.org/docs/state-and-lifecycle.html">https://reactjs.org/docs/state-and-lifecycle.html</a>     | <a href="https://dev.to/papasanto/build-a-react-hooks-shopping-cart-with-usestate-and-useeffect-39hk">https://dev.to/papasanto/build-a-react-hooks-shopping-cart-with-usestate-and-useeffect-39hk</a>                     | <a href="https://github.com/john-smilga/react-projects/tree/master/01-birthday-reminder">https://github.com/john-smilga/react-projects/tree/master/01-birthday-reminder</a>                           |
| Frontend | React          |   | <a href="https://reactjs.org/docs/hooks-intro.html">https://reactjs.org/docs/hooks-intro.html</a>                     | <a href="https://www.youtube.com/watch?v=Z5RbPrK4VqM">https://www.youtube.com/watch?v=Z5RbPrK4VqM</a>   |   |
| Frontend | React          | <b>Handling Event, Synthetic Events, Form</b>   | <a href="https://reactjs.org/docs/handling-events.html">https://reactjs.org/docs/handling-events.html</a>             | <a href="https://vegibit.com/a-simple-react-js-form-example/">https://vegibit.com/a-simple-react-js-form-example/</a>   | <a href="https://github.com/john-smilga/react-projects/tree/master/08-lorem-ipsum">https://github.com/john-smilga/react-projects/tree/master/08-lorem-ipsum</a>                                       |
| Frontend | React          |   | <a href="https://reactjs.org/docs/forms.html">https://reactjs.org/docs/forms.html</a>                                 |   | <a href="https://github.com/john-smilga/react-projects/tree/master/10-grocery-bud">https://github.com/john-smilga/react-projects/tree/master/10-grocery-bud</a>                                       |
| Frontend | React          | <b>Conditional rendering, List, Key, Controlled/ Uncontrolled components, Fragments</b> | <a href="https://reactjs.org/docs/conditional-rendering.html">https://reactjs.org/docs/conditional-rendering.html</a> | <a href="https://frontarm.com/james-k-nelson/react-fragments-in-practice/">https://frontarm.com/james-k-nelson/react-fragments-in-practice/</a>   | <a href="https://github.com/john-smilga/react-projects/tree/master/02-tours">https://github.com/john-smilga/react-projects/tree/master/02-tours</a>   |
| Frontend | React          |   | <a href="https://reactjs.org/docs/lists-and-keys.html">https://reactjs.org/docs/lists-and-keys.html</a>               |   | <a href="https://github.com/john-smilga/react-projects/tree/master/06-tabs">https://github.com/john-smilga/react-projects/tree/master/06-tabs</a>   |
| Frontend | React          | <b>Context, render props</b>  | <a href="https://reactjs.org/docs/context.html">https://reactjs.org/docs/context.html</a>                             | <a href="https://dev.to/sorinc6/light-dark-mode-toggle-with-react-using-context-api-and-styled-components-347i">https://dev.to/sorinc6/light-dark-mode-toggle-with-react-using-context-api-and-styled-components-347i</a> | <a href="https://github.com/john-smilga/react-projects/tree/master/12-sidebar-modal">https://github.com/john-smilga/react-projects/tree/master/12-sidebar-modal</a>                                   |
| Frontend | React          |   | <a href="https://reactjs.org/docs/render-props.html">https://reactjs.org/docs/render-props.html</a>                   | <a href="https://dev.to/papasanto/build-a-react-hooks-shopping-cart-with-usestate-and-useeffect-39hk">https://dev.to/papasanto/build-a-react-hooks-shopping-cart-with-usestate-and-useeffect-39hk</a>                     | <a href="https://github.com/john-smilga/react-projects/tree/master/13-stripe-submenus">https://github.com/john-smilga/react-projects/tree/master/13-stripe-submenus</a>                               |
| Frontend | React          | <b>React router</b>   | - <a href="https://reactrouter.com/">https://reactrouter.com/</a>   | <a href="https://reactrouter.com/web/example/basic">https://reactrouter.com/web/example/basic</a>   | <a href="https://github.com/john-smilga/react-projects/tree/master/15-cocktails">https://github.com/john-smilga/react-projects/tree/master/15-cocktails</a>   |
| Frontend | React          |   | <a href="https://www.npmjs.com/package/react-router">https://www.npmjs.com/package/react-router</a>                   |   |   |
| Frontend | React          | <b>Handle API</b>   | <a href="https://www.npmjs.com/package/axios">https://www.npmjs.com/package/axios</a>                                 | <a href="https://jasonwatmore.com/post/2020/07/17/react-axios-http-get-request-examples">https://jasonwatmore.com/post/2020/07/17/react-axios-http-get-request-examples</a>   | <a href="https://rapidapi.com/blog/how-to-use-an-api-with-react/">https://rapidapi.com/blog/how-to-use-an-api-with-react/</a>   |
| Frontend | React          |   | <a href="https://www.educative.io/edpresso/what-is-axios">https://www.educative.io/edpresso/what-is-axios</a>         | <a href="https://www.youtube.com/watch?v=wjbsRjf8QN8">https://www.youtube.com/watch?v=wjbsRjf8QN8</a>   | <a href="https://github.com/john-smilga/react-projects/blob/master/17-random-person/final/src/App.js">https://github.com/john-smilga/react-projects/blob/master/17-random-person/final/src/App.js</a> |
|          | Move to Nodejs |   |   |   |   |