**Front-end road map**

- HTML5 DOM.

- CSS3:

* Selectors.
* Attributes.

- Javascript:

\*\* Basic:

* Variables, constants.
* Data types.
* Operators.
* Conditional statements (if (), if () ... else, switch () ... case).
* Loops (for (), while (), break, continue).
* Functions, function expressions.

\*\* Advanced:

* Objects, constructors.
* new keyword.
* this keyword.
* Error handling (try ... catch).
* Numbers, Strings, Arrays, Date and time + methods.
* JSON.

\*\* ES6:

* let and const keyword.
* for (... in ...) and for (... of ...).
* Scope and closure.
* Template strings.
* Spread syntax and rest parameters.
* Destructuring.
* Arrow functions.
* OOP (inheritance), class keyword.
* call(), apply(), bind().
* setTimeout() and setInterval().
* Prototype (\_\_proto\_\_).

\*\* Asynchronous:

* Callback, callback functions.
* HTTP request.
* Promises.
* Async, await.

- React:

* JSX
* Rendering elements
* Components and Props
* State and Lifecycle
* Handling events
* Conditional rendering
* Lists and key
* Form
* Data flow between components
* Router
* Redux
* Connect API

\*\* Resources:

* HTML5, CSS3, JavaScript basic: [W3Schools](https://www.w3schools.com/).
* Everything about JavaScript: [The Modern JavaScript Tutorial](https://javascript.info/).
* JavaScript Asynchronous: [JavaScript Asynchronous](https://www.youtube.com/watch?v=ZcQyJ-gxke0&list=PL4cUxeGkcC9jx2TTZk3IGWKSbtugYdrlu).
* JavaScript ES6: [JavaScript ES6](https://www.youtube.com/watch?v=0Mp2kwE8xY0&list=PL4cUxeGkcC9gKfw25slm4CUDUcM_sXdml).
* JavaScript DOM: [JavaScript DOM](https://www.youtube.com/watch?v=FIORjGvT0kk&list=PL4cUxeGkcC9gfoKa5la9dsdCNpuey2s-V).
* JavaScript OOP: [JavaScript OOP](https://www.youtube.com/watch?v=4l3bTDlT6ZI&list=PL4cUxeGkcC9i5yvDkJgt60vNVWffpblB7).
* ReactJS document: [ReactJS](https://reactjs.org/).
* ReactJS tutorials: [ReactJS Tutorials](https://www.youtube.com/playlist?list=PL4cUxeGkcC9i0_2FF-WhtRIfIJ1lXlTZR&fbclid=IwAR1m-u92n3Hg_xdnwgpRIR04nd1tbRA77oWDS1lLSWJD1d6J-O2D-AjZXT8).
* ReactJS tutorials (with Redux): [ReactJS Tutorial (with Redux)](https://www.youtube.com/playlist?list=PL4cUxeGkcC9ij8CfkAY2RAGb-tmkNwQHG&fbclid=IwAR25K-Jl2wlPXDV5VY0WLUTieqW_PUkAxDenD_GDBPrlPUE8dZxCF32HtM4).