

# Learn the Basics – HTML



## HTML



Basics



Emmet



Forms



Semantic HTML



SEO Basics

# Learn the Basics – CSS



## CSS



Basics



Selectors



Positioning



Box Model



Display



Specificity

# Learn the Basics – CSS



## CSS



FlexBox



Grid



Media Queries



Pseudo Elements



Pseudo Classes



Animations

# Learn the Basics – JS

## JavaScript



Basic Syntax



DOM Manipulation



Fetch API / Ajax



Async Await



Event Listeners



ES6+ JavaScript

# Learn the Basics – JS

**JS**

## JavaScript



Promises



Classes



Array Methods



Scoping



Hoisting



Closures

# Learn any CSS Framework

These are the most popular ones



Bootstrap



Tailwind



Materialize



Bulma



Semantic UI



Foundation

# Learn any CSS Preprocessor mostly SASS and SCSS



SASS / SCSS



Postcss



Less



Stylus



Stylecow

# Learn basic usage of Version Control System



Git

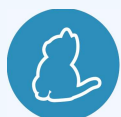


GitHub

# Learn the basics of Package Managers



NPM



Yarn



# Pick a JavaScript Framework / Library

The most popular ones



React



Vue



Angular



Svelte



Meteor



Remix

# Basic things to learn in



## React



Components



JSX



Props



State



Events



Conditional Rendering

# Important topic



## React – Hooks



**useState**



**useEffect**



**useRef**



**useContext**



**useReducer**



**useMemo**



**useCallback**

# Learn some of the React UI Frameworks



Material UI



Ant Design



Chakra UI



React Bootstrap



Rebass



Blueprint



Semantic UI React

# Learn to use popular React packages



React Router



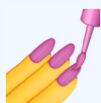
React Query



Axios



React Hook Form



Styled Components



Storybook



Framer Motion

# Learn how to manage state in React with state management tools



Redux



MobX



Hookstate



Recoil



Akita

# Things to learn after learning React



Next JS



Gatsby



TypeScript



React Native




Electron

# Important things to learn in Next JS

 Static Site Generation

 Server Side Rendering

 Incremental Static  
Regeneration

 Dynamic Pages

 CSS / SASS Modules

 Lazy loading Modules

 API Routes



# Learn to test your apps with some of these libraries / frameworks



Jest



Testing Library



Cypress



Enzyme



Jasmine



Mocha

# Learn to deploy your websites

Some free popular service



Netlify



Vercel



Firebase



Github Pages



Heroku



Render

# Other important topics you should know



PWA



Web Sockets



CORS



JSON



RESTful APIs



GraphQL APIs



Basic Security



Web Accessibility

# Learn about style guides

A style guide is a set of standards that outline how code should be written and organized.

A style guide contains general rules.

e.g. which quotes to use, how many spaces to indent, where to put line breaks, etc.

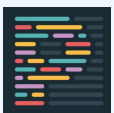
## Some tools to help lint and format code



ES Lint



Standard



Prettier

# Optional Thing to learn

## Module Bundlers



Webpack



Parcel



SnowPack



Rollup.js



Gulp

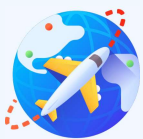
# Project Ideas



Real Estate App



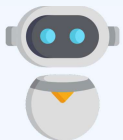
Cryptocurrency App



Travel Companion App



ECommerce Web Shop



Voice Assistant News App



Portfolio Website

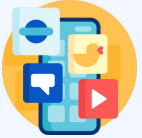


Voice Powered Budget Tracker



Blog App with CMS

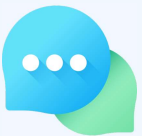
# Project Ideas



Social Media Web App



Modern UI/UX Website



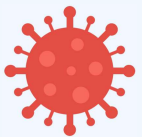
Chat App



Video Chat App



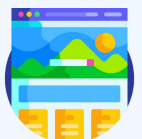
Progressive Web Apps



Covid-19 Tracker App



Google Search Clone



Premium Landing Page