



You right now.

Step-1.

- Doctype
- Title
- Meta tag.
- Link tag.
- Script tag.
- Body tag.
- Fav-icon.
- Comments.

Step-2.

- Div
- Header
- Main
- Article 🤔
- Nav
- Section
- Footer

Step-3.

- **div**
- p tag
- span
- a tag
- li, ul, ol
- iframes
- dl, dt, br, hr

Step-4.

- **table**
- thead
- tbody
- td, tr
- tfoot
- th

Step-5.

- **Form**
- form tag
- input fields
 - text
 - email
 - password
 - phone
 - color
 - date
 - URL
 - radio
 - checkbox

Step-6.

- **table**
- thead
- tbody
- td, tr
- tfoot
- th

Step-8.

- **global attr**
- class
- id

Step-7.

- **multimedia**
- video
- audio
- svg
- progress
- img



You now.



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CSS



You right now.

Step-1.

- Introduction
- Basic Syntax
- Style Sheet Insertion
- Selectors
 - with dot i.e class
 - with hash i.e Id
 - universal selector
 - element selector

Step-2.

- Colors
 - RGB
 - HEX
 - HSL
- Background
 - background-color
 - background-repeat
 - background-image
 - background-position
- Box Model

Step-3.

- Display
 - display - none.
 - display - inline.
 - display - inline block.
 - display - flex.
 - display - grid.
 - display - unset.

Step-4.

- max-width & min-width
- Position
 - static
 - relative
 - fixed
 - absolute
 - sticky
- Z-index
- Text
 - Text decoration.
 - Spacing & Shadow.
 - Fonts
- Icons

Step-5.

- Combinators
 - space
 - >
 - +
 - ~
- Pseudo-class
- Pseudo-element
- Opacity

Step-6.

- List Style Type
- Overflow
- Align
- calc(), max(), min()
- !important

Step-7.

- Units
 - em
 - ex
 - ch
 - rem
 - vmin
 - vmax

Step-8 || Flexbox

- Flex-direction
 - row
 - column
 - row-reverse
 - column-reverse
- Align-content
 - flex-start
 - flex-end
 - center
 - stretch
 - space-between
 - space-around
- Order
- flex-shrink, flex-grow, flex-basis
- Align-items
 - flex-start
 - flex-end
 - center
 - stretch
 - baseline
- Justify-content
 - flex-start
 - flex-end
 - center
 - space-between
 - space-around
 - space-evenly
- Align-self
 - flex-start
 - flex-end

Step-9 || Grid

- grid-template-rows
- grid-template-columns
- grid-column
- grid-row
- gap
- Justify-content
 - flex-start
 - flex-end
 - center
 - space-between
 - space-around
 - space-evenly
- Align-items
 - flex-start
 - flex-end
 - center
 - stretch
 - baseline
- grid-area
- Justify-items
 - start
 - end
 - center
 - stretch
- Align-items → Align-self
 - start
 - end
 - center
 - stretch

Step-10.

- Media Query
- Animation
 - keyframes
 - animation-name
 - animation-duration
 - animation-delay
 - animation-iteration count
 - animation-direction
 - animation-timing function
 - animation-fill-mode
 - animation

What's next?

- Bootstrap OR Bulma
- SASS or SCSS
- Tailwind CSS



You now.



You right now. [a little happy because you're done with HTML & CSS]

Step-1.

- Getting Started with JS
- Variables
- Comments
- Literals
- Operators
 - AND &
 - OR |
 - XOR ^
 - NOT ~
 - Left Shift <<
 - Right Shift >>
 - Ternary Operator
 - + - * / % ++ --
 - =, +=, -=, *=, /=, %=, **=
- Conditionals
 - If Statement
 - If...Else Statement
 - Else If Statement
 - Switch Statement

Step-2.

- Loops
 - for loop
 - while loop
 - do-while loop
 - for-in loop
- Functions
- Number & Dates
- this
- Arrays
 - All Arrays Methods.
- Objects
- Declaration (const, var, let)
- Local/Global Scope

DOM Manipulation

- What is DOM
- DOM Tree
- Selecting Elements
 - getElementById()
 - getElementsByClassName()
 - getElementsByTagName()
 - querySelector()
 - querySelectorAll()
- Traversing the DOM
- Event Listeners

Step-4.

- Asynchronous JS
- Callbacks
- Promises
- Fetch API
- Async & Await
- Timers
- Prototyping
- Inheritance
- Binding
- Regular Expression
- Currying
- Browser Debugging



Congratulations!
You're done w/ JS.



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React

You seem happy now.
Cuz you're done with JS.



Step-1: Main Concepts

- Hello World
- Introducing JSX
- Rendering Elements
- Components
- Props
- State
- Component Lifecycle Methods
- Event Handling
- Conditional Rendering
- Lists & Keys
- Composition
- Inheritance
- Thinking in React

Step-2

- Memo
- Refs
- Higher Order Component
- Styling
 - Material UI
 - Semantic UI
- Hooks
 - useState()
 - useEffect()
 - useContext()
 - useReducer()
 - useMemo()
 - useCallback()
 - useImperativeHandle()
 - useDebugValue()
 - useRef()
 - useLayoutEffect()
- Custom Hooks
- Lazy Loading

these are the
most common
hooks!

Step-3

- Webpack & Babel
- Testing
- React Router
- Redux
- Context API
- What's Next?
 - Gatsby
 - NextJS



Congratulations!
I'm proud of you.
Keep Learning.



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• About me •

I'm Gulraiz. My job is help you **learn & become better at Front-end Development**.
I've made this detailed roadmap for you that will help you what exactly to learn.

Please Subscribe to my **YouTube Channel**.
This would mean the world to me. ❤️

1 sub = 1 thank you.

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