

FULL STACK DEVELOPER

1

CSS

- Learn to style webpages.
- Understand selectors, properties, and values.
- Explore layout techniques like Flexbox and Grid.

HTML

- Learn the structure of a webpage.
- Understand elements, tags, and attributes.
- Practice building static pages.

2

JAVASCRIPT

- Learn the basics of programming with JavaScript.
- Understand variables, data types, functions, loops, and conditionals.
- Get familiar with the Document Object Model (DOM).

3

VERSION CONTROL

- Git
- Learn the basics of Git.
- Understand repositories, commits, branches, and merging.
- Get familiar with platforms like GitHub or GitLab.

4

FRAMEWORKS

- Explore CSS frameworks like Bootstrap or Tailwind CSS.
- Learn a modern JavaScript framework/library such as React, Vue.js, or Angular

5

PACKAGE MANAGERS

- NPM (Node Package Manager)
- Learn to manage project dependencies.
- Yarn
- An alternative to NPM with some improvements

6

BUILD TOOLS

- Webpack
- Understand module bundling.
- Babel
- Learn to transpile JavaScript to ensure compatibility.
- Task Runners
- Explore tools like Gulp

7

SERVER-SIDE PROGRAMMING

- Learn a backend language like Node.js (JavaScript), Python, Ruby, or PHP.

8



RESTFUL APIS

- Learn to build and consume RESTful APIs.
- JSON API, REST API

DATABASES

- Understand SQL databases (like MySQL or PostgreSQL).
- Explore NoSQL databases (like MongoDB).



AUTHENTICATION

- Authentication Methods
- Learn about JWT, OAuth, and other authentication methods.



SECURITY

- Web Security
- Understand HTTPS, CORS, and common security practices.



ADVANCED TOPICS

- Progressive Web Apps (PWAs)
- Learn the principles of building PWAs.
- Single Page Applications (SPAs)
- Understand the architecture and benefits of SPAs.



DEVOPS

- Hosting and Servers
- Learn about hosting providers (like AWS, Heroku, Netlify, Vercel).



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HTML:-

<https://youtu.be/qz0aGYrrlhU?si=FJKgKy823bQdVHre>

CSS:-

<https://youtu.be/wRNinF7YQqQ?si=iISHTozAwa5l5Pu>

JAVA SCRIPT:-

https://youtu.be/W6NZfCO5SIk?si=v0DFZ6Yu_bLwXFcs

VERSION CONTROL:-

<https://youtu.be/Yc8sCSeMhi4?si=aGFnz4tQ-d4CRej6>

FRAME WORKS:-

<https://youtu.be/VhO343rYXHk?si=kHtxtl0uGci3SGrO>

CSS FRAME WORKS:-

https://youtu.be/vpq14wBtw5Y?si=3yuL_o6Kx6U8xw2S

PACKAGE MANAGERS:- <https://youtu.be/0W8-3RwvJwc?si=KFnoah1nAfiKnB6Z>

BUILD TOOLS:- <https://youtu.be/V5qvWI-O-zE?si=fA1sFUe7Q-qohPNU>

SERVE SIDE PROGRAMING:-

<https://youtu.be/R8ctZdjY9cQ?si=7M0aahaMNtJZcoU8>

RESTFUL API'S:- https://youtu.be/-mN3VyJuCjM?si=p9gF8_j6oVLY3Xnl

AUTHENTICATION:- <https://youtu.be/cPvgt-Bo3k0?si=PKBKzoai6woJ6VGp>

DATABASES:- <https://youtu.be/j09EQ-xlh88?si=3ScTXp979kCPjTKy>

DEVOPS:-

<https://youtu.be/hQcFE0RD0cQ?si=3FdrGKj9Y64Yx0Fb>