

2022

# FULLSTACK WEBDEV ROADMAP

Basics of HTML, CSS & JS  
Choosing a framework  
Version Control  
Choose a language for backend  
Head to Databases  
Devops CI/CD



Complete 7 Months Guide



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# LEARN THE BASICS

( 1 MONTH )

## HTML

- Forms & Validations
- Conventions and Best Practices



## CSS

- Making Layouts
- Floats, Position, Display, Grid, Flexbox, Box Model
- Responsive Design



## JavaScript

- Syntax & Basic Construct
- DOM Manipulation
- Fetching APIs / AJAX
- ES6+ Syntax



SAVE & SWIPE



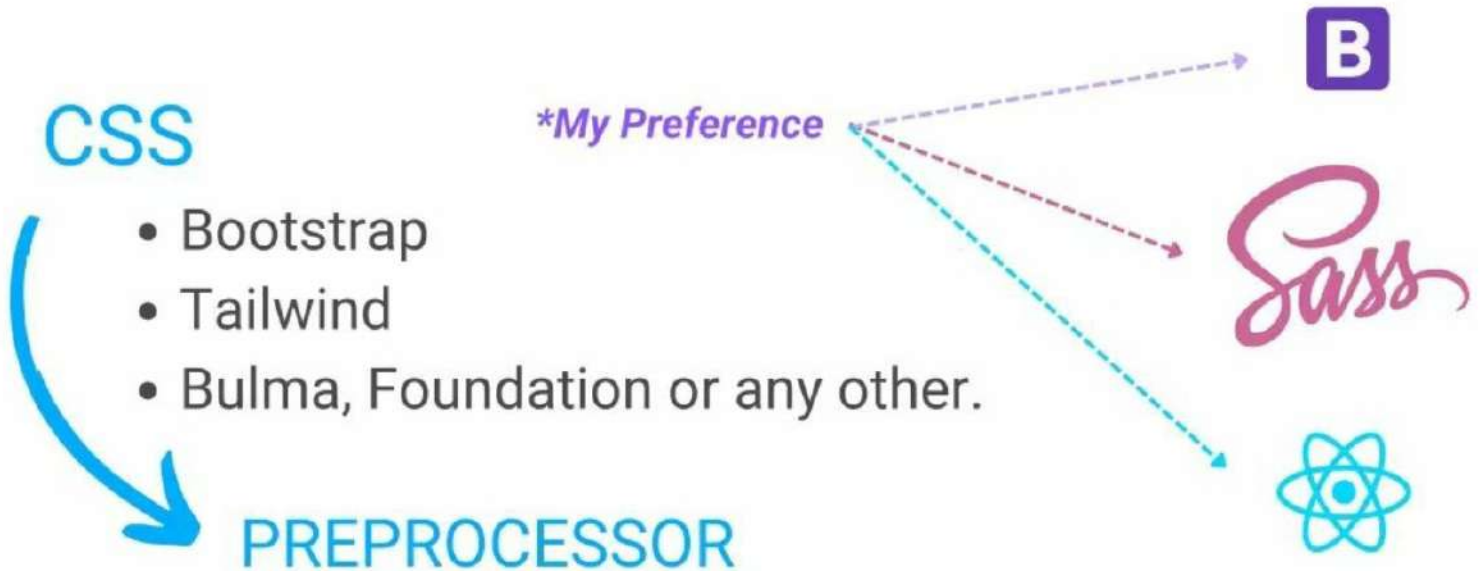
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# CHOOSE A FRAMEWORK ( 1.5 MONTH )

(Choose any 1)



## JavaScript

- React
- Angular
- Vue

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## Related Posts



## VERSION CONTROL SYSTEM ( 15 DAYS )

- Git
- Github / Gitlab / BitBucket



## Package Managers

- NPM
- Yarn



## Module Bundlers

- Webpack
- Rollup
- Parcel



**\*Note** - If you have chose ReactJs you should also learn

- NextJs
- Redux



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# FRONTEND DONUT

Wanna have a donut?

## CSS

- Floats & positions
- Flexbox
- CSS Grid
- Display & transform
- Box Model
- Media Queries
- Responsive Design

## HTML

- Forms and validations
- Semantic Tags
- Accessibility & SEO basics
- Convention & best practices

## VCS

- GIT
- GITHUB
- Gitlab
- Bit Bucke (any one)

## JAVASCRIPT

## FRAMEWORKS

- React Js
- Angular
- Vue Js (any one)
- Bootstrap
- Tailwind
- Bulma
- Semantic UI

## CSS 3

## CSS 3 PREPROCESSOR

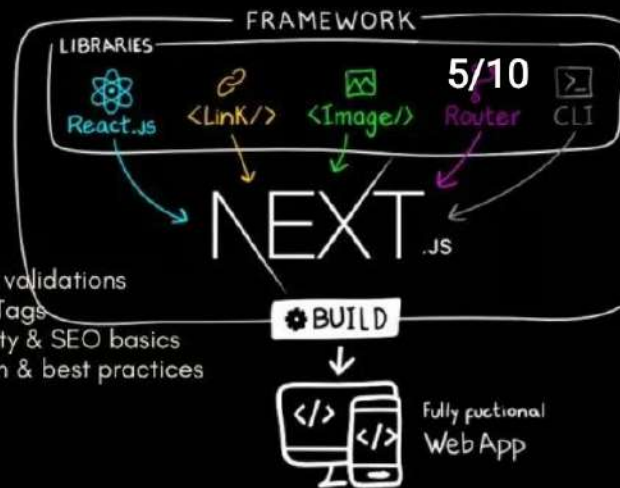
- SASS
- LESS
- (any one)

## DESIGN TOOLS

Figma  
AdobeXD  
Photoshop  
Illustrator  
(any one)

Everything explained on  
@developers\_community...

( 3-4 MONTHS )  
Frontend Finished



# BACKEND STARTS

( 1.5 MONTH )

## Choose & Learn a language (Choose any 1)

- JavaScript
- Java
- C#
- PHP
- Python
- Ruby
- Go
- Rust
- NodeJs

## Some Knowledge on OS & terminal commands

- Process Mangement
- Threads and Concurrency
- Basic Networking Concepts

### Related Posts



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# HEAD TO DATABASES

( 1 MONTH )

Choose 1

## DATABASES



### Relational

- PostgreSQL
- MySQL
- MariaDB
- MS SQL
- Oracle

### Non -Relational

- MongoDB
- CouchDB
- Cassandra
- InfluxDB
- Firebase

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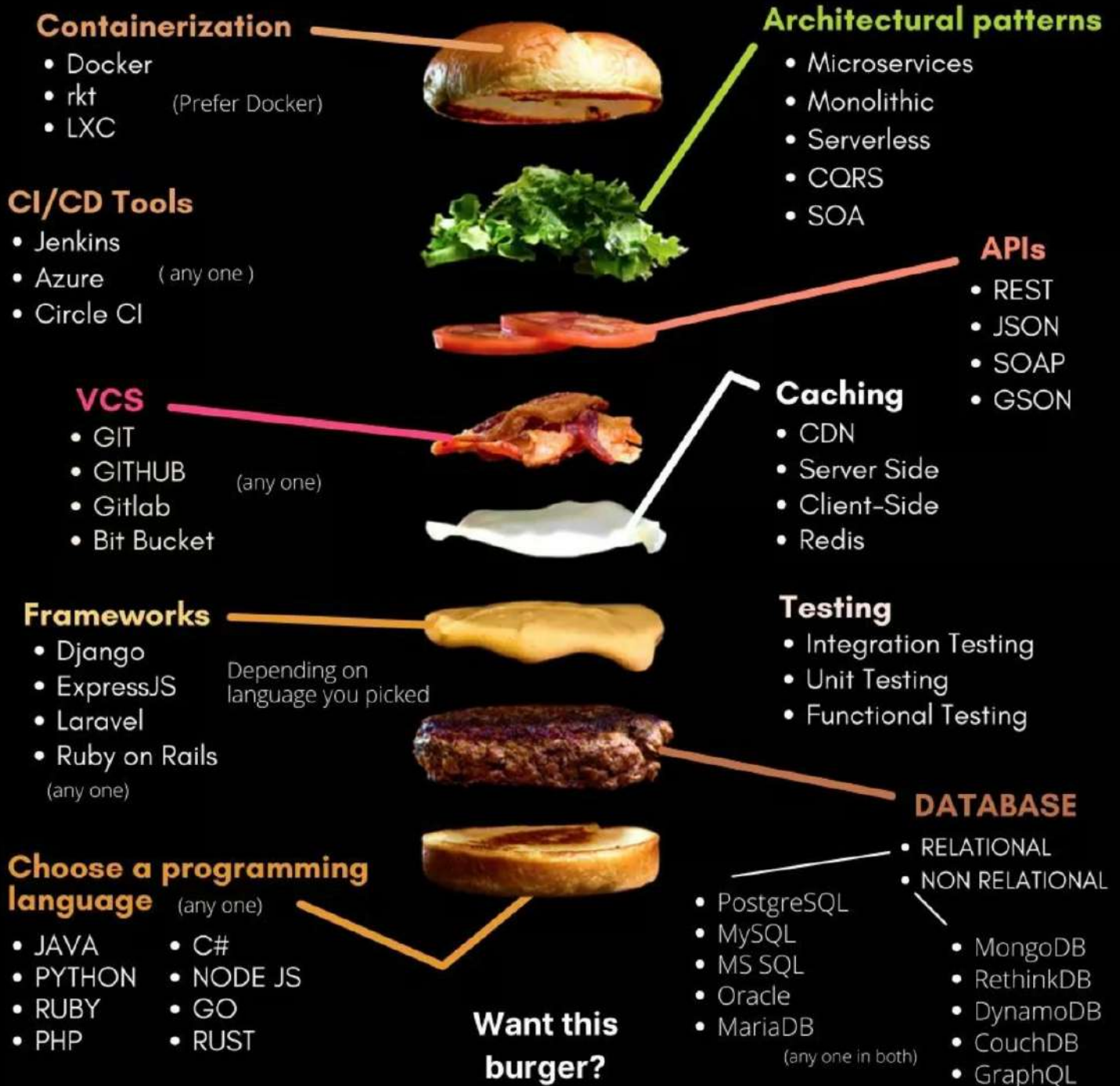
X

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# BACKEND BURGER





# DEVOPS

( 2 MONTHS )

## Learn Some CI/CD Tools

- Gitlab CI
- Jenkins
- Azure Devops
- Circle CI



## Cloud Providers

- AWS
- Google Clouds
- Azure , Linode
- Heroku, Digital Ocean



Google Cloud



## What is & how to setup \_\_\_\_\_

- Reverse & Forward proxy
- Load Balancer
- Caching Server
- Firewall

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