

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



# LEARN THE BASICS

( 1 MONTH )

## HTML

- Forms & Validations
- Conventions and Best Practices



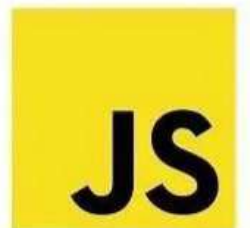
## CSS

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



## JavaScript

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



(Choose any 1)

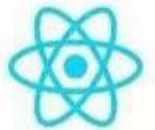
- Bootstrap
- Tailwind
- Bulma, Foundation or any other.

- SASS
- Less

- React
- Angular
- Vue



*Sass*



## 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



# 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

#### HTTP REQUEST METHODS



#### CONNECTING DATABASE TO OUR EXPRESS APP



Activate Windows

#### node BEGINNERS GUIDE TO NODE JS

#### WRITING YOUR FIRST CODE IN EXPRESS JS



# HEAD TO DATABASES

( 1 MONTH )

Choose 1

## DATABASES

```
graph TD; A[DATABASES] --> B[Relational]; A --> C[Non -Relational];
```

### Relational

- PostgreSQL
- MySQL
- MariaDB
- MS SQL
- Oracle

### Non -Relational

- MongoDB
- CouchDB
- Cassandra
- InfluxDB
- Firebase



# 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