



Middle RoadMap

1. Essential

1.1. English

1.2. Network

Link: https://www.youtube.com/watch?v=sc5Ay_fxeHQ

1.2.1. URL

1.2.2. HTTP

1.2.3. DNS

1.3. CodeEditors

Choose one You preferred.

1.3.1. VSCode

1.3.2. WebStorm

1.4. Command Line

1.4.1. folders navigation

1.4.1.1. ls

1.4.1.2. cd

1.4.1.3. pwd

1.4.2. files manipulations

1.4.2.1. touch

1.4.2.2. cat

1.4.2.3. tail

1.4.3. vim

1.4.3.1. how to exit vim :)

1.4.3.1.1. :wq

1.4.4. permissions

1.4.4.1. chown

1.4.4.2. chmod

1.4.4.3. chgrp

1.4.5. remove/copy/move

1.4.5.1. rm

1.4.5.2. mv

1.4.5.3. cp

1.4.6. ssh

1.4.6.1. ssh

1.4.6.2. scp

1.5. DevTools

Link: <https://youtu.be/aCBltDs770c>

2. Markup

2.1. HTML

2.1.1. Document heading

2.1.2. Document body

2.1.3. Text tags

2.1.4. Links

2.1.5. Container tags

2.1.6. Semantics

2.1.7. Forms

2.1.8. Tables

2.1.9. Images

2.1.10. Audio & Video

2.2. CSS

2.2.1. Box Model

2.2.2. CSS units

2.2.3. Position

2.2.4. Layout

2.2.4.1. flexbox

2.2.4.2. grid

2.2.4.3. float

2.2.4.4. inline-block

2.2.5. Media query

2.3. Preprocessors

Any one from this would be great!

2.3.1. LESS

2.3.2. SASS

2.4. Mobile

2.4.1. Responsive

2.4.2. Adaptive

2.5. BEM

Link: <https://bem.info>

Optional. But this would make You css code more clean :)

3. UI

3.1. Web Animations

3.2. Web fonts

3.3. Graphic editors

3.4. UI / UX design

Link: <https://www.smashingmagazine.com/category/ux/>

4. Tests

4.1. Jest

4.2. Puppeteer

4.3. Cypress

5. Soft Skills

5.1. Teamplayer

5.2. Communication

5.3. Self-organised/Self-management

5.4. Learn & Improve

5.5. Responsibility/Ownership

5.6. Result-thinking/Solution-oriented

5.7. Product thinking

5.8. Proactive

5.9. Analytical/Troubleshooting

5.10. Attention to details

5.11. Time management

6. GIT

6.1. GIT essentials

6.1.1. Init repo

6.1.1.1. git init

6.1.2. 3 stages

6.1.2.1. Add or Make change in file

6.1.2.2. Add it to staging

6.1.2.3. Commit

Link: <https://youtu.be/yrvRGOmlyzg>

6.1.3. Working with staging

6.1.3.1. git add

6.1.3.2. git status

6.1.3.3. git diff

6.1.3.3.1. git diff --cached / git diff --staged

6.1.3.4. git rm

6.1.3.4.1. git rm --cached readme.txt

6.1.3.5. git reset

6.1.3.5.1. soft

6.1.3.5.2. hard

6.1.3.6. git checkout -- file

6.1.4. History

6.1.4.1. git log

6.1.4.2. graph

6.1.5. Remote

6.1.5.1. git pull

6.1.5.2. git fetch

6.1.5.3. fast forward

6.1.5.4. git push

6.1.6. Clone repo

6.1.6.1. git clone

6.1.6.2. git remote

6.2. Git flow

6.2.1. feature branches

6.2.2. git branch

6.2.2.1. git co -b feature

6.2.2.2. git co b

6.2.2.3. git branch -a

6.2.2.4. git b -d

6.2.3. main dev branch master

6.2.4. merging

6.3. Rebase

6.3.1. rebase vs merge

Link: <https://youtu.be/d5rvy5XPyzk>

6.3.2. rebase -i

Link: <https://www.youtube.com/watch?v=m-GIJOEh798>

6.4. Tips

6.4.1. Conflicts

6.4.2. --amend

6.4.3. revert commit

6.4.4. cherry pick

Link: <https://youtu.be/GZgswRhTHK8>

6.4.5. squash

6.4.6. force push

6.4.7. stash

6.4.7.1. git stash

6.4.7.2. git stash pop

7. Node.js

7.1. Express

7.2. Next.js

7.3. Nuxt.js

8. Framework

Choose one of this frameworks. Currently most popular is React so I would personally recommend React as first framework to learn.

Create few apps using Framework such as: ToDo list, Movie Catalog (using <https://www.themoviedb.org/documentation/api>)

8.1. React

8.2. Vue

8.3. Angular

9. TypeScript

Link: <https://www.typescriptlang.org/docs/handbook/intro.html>

10. JavaScript

10.1. JS Basics

10.1.1. Operators

10.1.2. Scope /Closure

10.1.3. Data types/structures

10.1.3.1. String

10.1.3.2. Number

10.1.3.3. Boolean

10.1.3.4. Array

10.1.3.5. Object

10.1.3.6. undefined/null

10.1.4. Functions

10.1.4.1. arguments

10.1.4.2. high-order functions

10.1.5. Event Loop

Link: <https://www.youtube.com/watch?v=8aGhZQkoFbQ>

Really recommend to watch this video to understand how Event Loop works!

10.1.6. Context

10.1.6.1. this

10.1.6.2. call/apply

10.1.6.3. bind

10.1.7. Prototypes

10.2. Browser features

10.2.1. DOM / BOM

10.2.1.1. Events

10.2.1.2. Dom Traversal

10.2.1.3. fetchAPI

10.2.2. Storing data

10.2.2.1. Cookies

10.2.2.2. LocalStorage

10.2.2.3. sessionStorage

10.3. ES6+

10.3.1. let, const

10.3.2. arrow function

10.3.3. Promises

10.3.3.1. Async Await

10.3.4. Spread/Rest

10.3.5. Destructurisation

10.3.6. Template Strings

10.3.7. Classes

10.3.8. import/export

10.3.9. Set/Map

11. Build

11.1. Bundlers

11.1.1. Webpack

11.1.2. Parcel

11.1.3. Gulp

11.2. CI/CD

11.2.1. Jenkins

11.2.2. TeamCity

11.2.3. GitLabCI