Road Map [8 - 10 Month]

HTML CSS Javascript Express.

8 - 10 Months

2 MONTHS

→ Java Script
→ Async
→ clousure
→ Debound
→ Promise.

⊕ Basic Networking (optional)

HTML / CSS. → Designer
~~→~~ Developer.

① Javascript → Basics
→ loops.
→ functions
→ Array
→ objects.
→ I/o.

10-15 days.

(make Projects like)

② CLI Apps.
I/O (5-10 days)
Array Function → find, map, filter, reduce.
[100 - 200] line of code
(employee list, inventory management)

③ HTML / CSS

tags
a, div, h1, h2, h3, header, footer, form

# css (5-8 days)
class, Selector, color, font, Padding
margin, border, shadow.

④ Vanilla Js
HTML + css + JavaScript + Bootstrap
⊕ (15 - 20 days)
DOM Manipulation
→ Clicks
→ tags dynamically

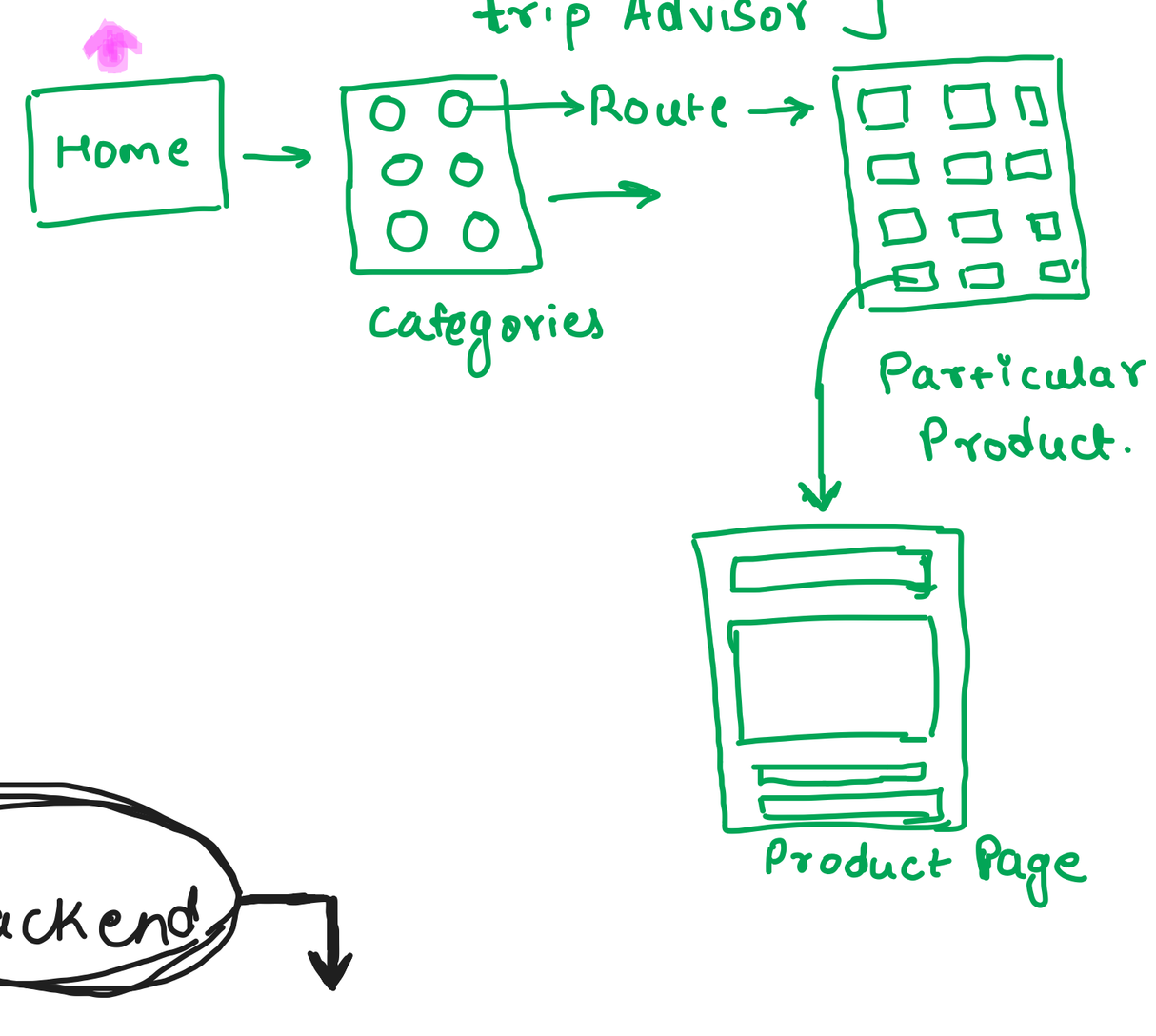
→ input
→ output
→ Processing
→ css

frontend

⑤ React Web Apps
→ Home
→ About
→ Products
} Routes ① (1 - 2 months)

⊙ JSX — data listing ②
⊙ Stack changes (use State) ③
⊙ API call (use Effect, events) ④
→ filter, find, map reduce.

⇒ {Make clone Like:- Zomato
e- comm.
trip Advisor}

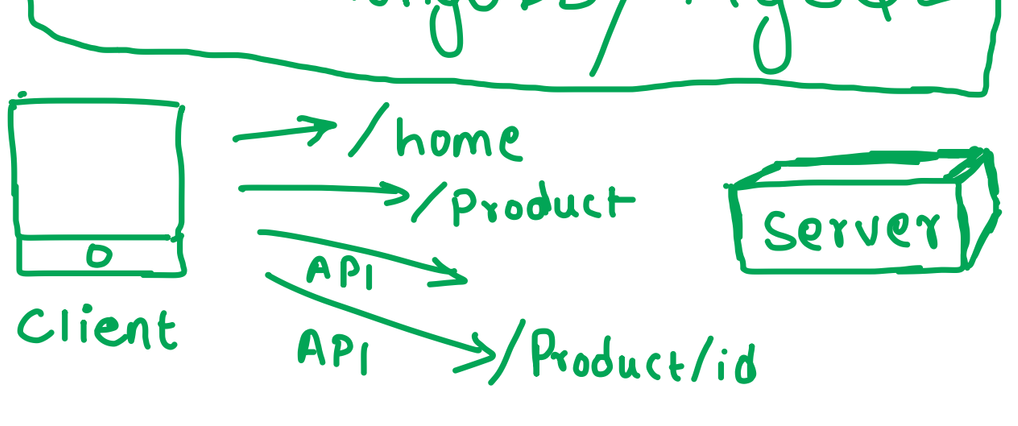


(1 - 2 Months)

Backend

→ MySQL / MongoDB (dataBase).
→ Wrapper [ODM/ORM]
- - - - - - - → Refer Docs.

→ Express
+ MongoDB / MySQL



Zomato
e-comm
trip advisor
→ connect with Backend → deploy (frontend + Backend)
→ github
→ cyclic.sh
→ Render
→ Repl.it
→ Postman

⑥ React Advanced

→ useEffect
*→ use Reducer
*→ use Context
→ cart (add to cart feature)
wishlist
Reviews. (use in the Projects).

→ use Memo
→ use Ref
→ use Call back
**→ Custome Hooks
→ understand Theoretically
↓
(Publish Blog)

⑦ *** Advance JavaScript

⊛ call stack / Async Js
⊛ Promises
→ Solve output Question. (for logic Building)

⊛ Functional Program
— Memoization
— currying
— composition.
→ (Theoretically)

⊛ Closure
⊛ Performance
⊛ SSG vs SSR
⊛ Next Js

⑧. Advanced 1-2 weeks

ⓐ Authentication ⊕ Autherization
JWT / Backend / Redirect
Auth Context
⇓ * (username / Password)
(make Some Project out of it...)

ⓑ Tyscript (1 - 2 weeks)

useReducer use Context	Function Types	Basic Types

ⓒ Redux → API (2 weeks)

useReducer ⊕ use Context → Action Creator API → Redux Tool Kit

(these are some of the advance topics. if it take time so dont worry abt it...)

ⓓ. Testing / Jest (optional) (1 - 2 week)
Project / utils / Reducer
→ Basics
→ Mocking
→ Utils

(if you do it till here u will be at top 1% developer)

ⓔ. Build Tools (1 - 2 weeks)
→ webpack
→ Node Js.

*npm run production
*npm run test.

⑨. Advance CSS

⊛ Component Lib.
— Positioning
— Transform / Translate / Transitions
— Responsiveness.
— Box Model
— em / rem / px / %.
— Specificity.

learn it theoretically & use in your projects else you will forget ☺

@Dhruva