Foundation class for 100xdevs cohort

What we're learning
1. VSCode
2. HTML
3. CSS
4. JS
5. DOM
6. Assignments

What we'll learn practically

Small boi stuff

1. Tags
2. Attributes
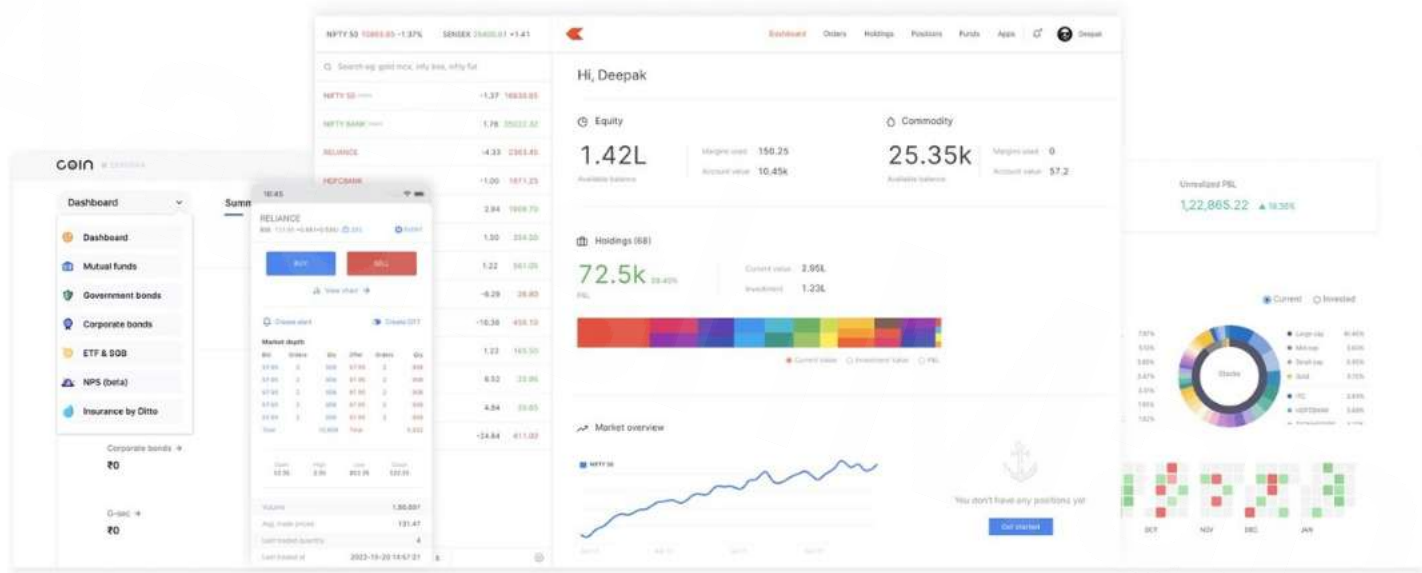3. Inline styles (bg color, fonts ...)
4. JS Basics, data types, loops, fns...

Big boi stuff

1. External styles, classes and ids
2. Flexbox
3. Connecting JS to HTML
   (selectors, DOM)
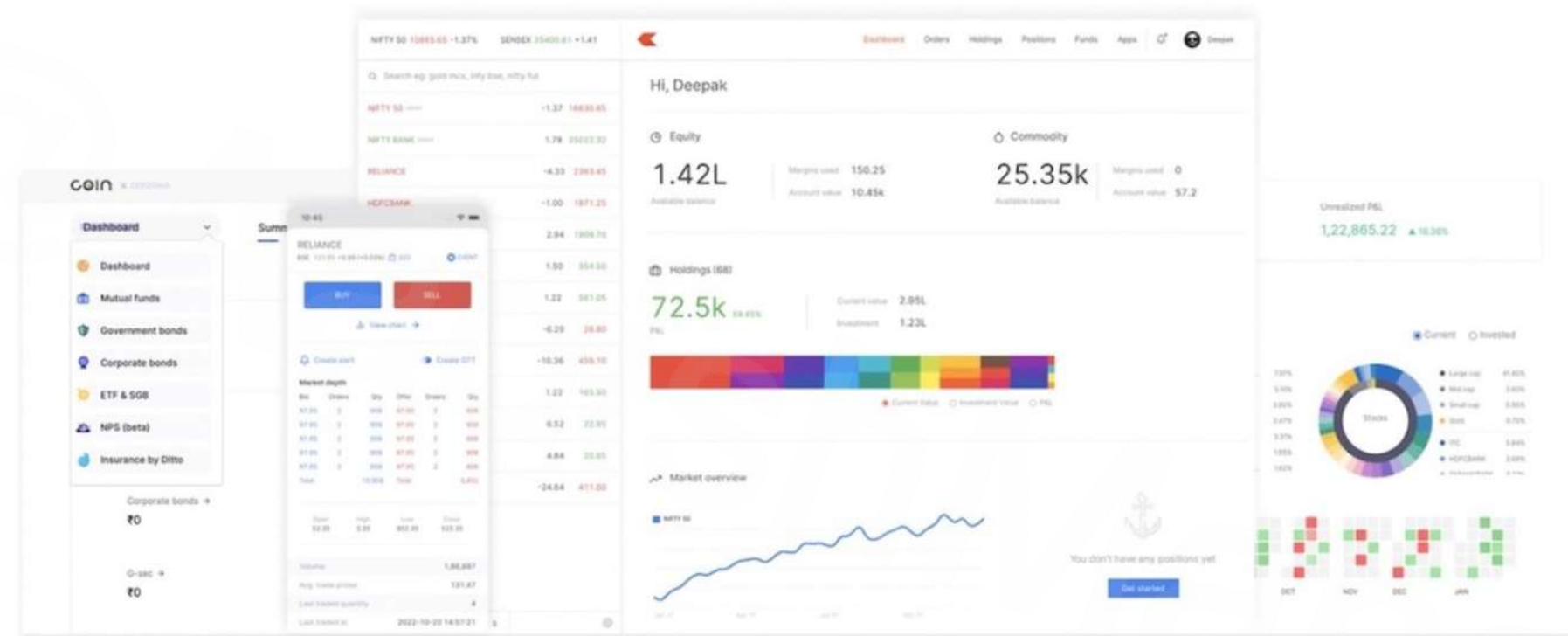4. Chrome Dev tools

What we're building

Stage 1

(HTML Only)

Zerodha Sign Up About Us Products Support

Invest in everytghing

Online platform to invest in stocks, derivatives, mutual funds, and more
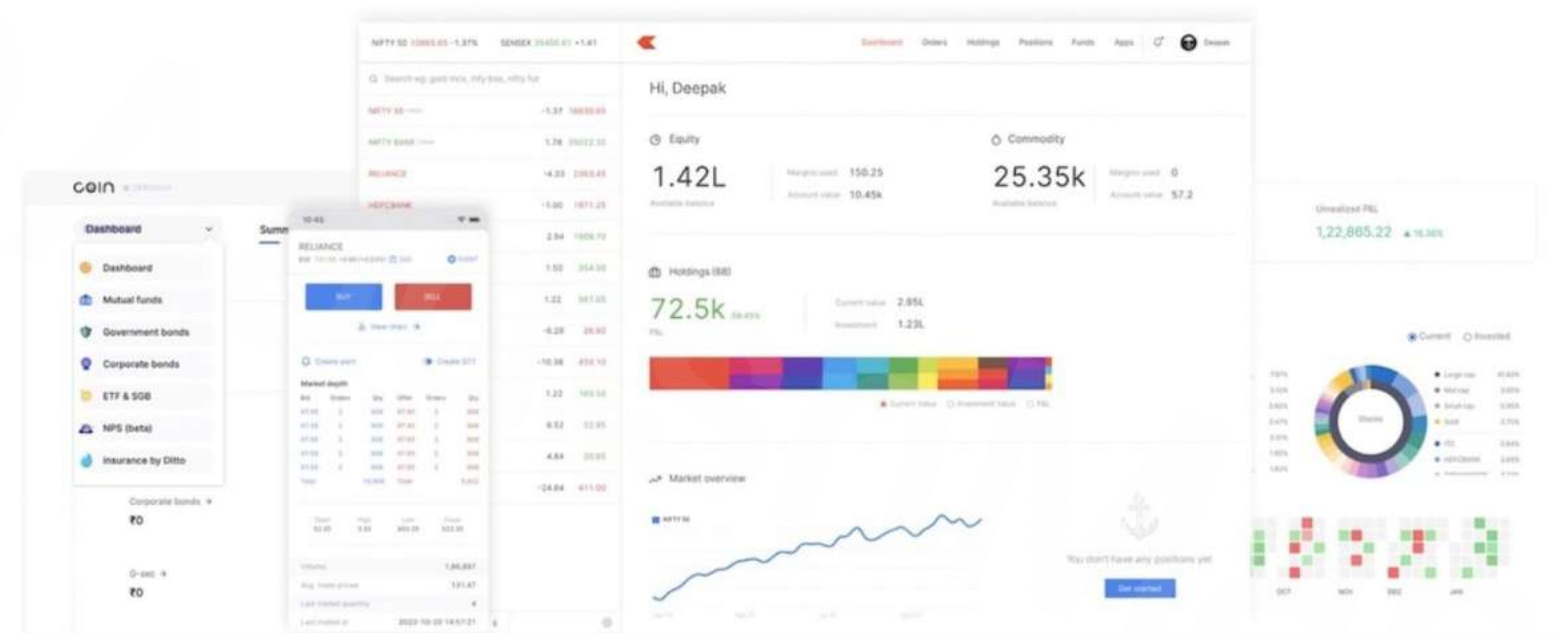
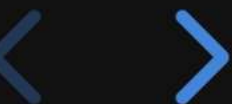Sign Up Now

Stage 2

(HTML + CSS)

Stage 3

JS

Create a portfolio returns calculator

Before we start

What are browsers? How do they **render** websites?
What purpose do HTML/CSS/JS serve

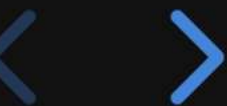How much of this do we actually use in the industry -
1. html => very minimal
2. css => minimal
3. js - heavy

IDE

VSCode

Vim

WebStorm

HTML

Defines the structure of your website

2 jargon we need to know of -

1. Tags
2. Attributes

Css

They let you add **styles** to your website (colors, font sizes, background colors ...)

Used for positioning things on the page

Javascript

It is a scripting language

It can be used to solve algorithmic problems/do ML/do backend development

Specifically for websites, it is useful to add functionality to your website (for example, a returns calculator)

We're going to practise on repl.it first

Connecting JS to returns tracking app

First let's write a function that takes 3 inputs
1. numberOfYears
2. base
3. yearlyGains

and returns net portfolio value

Assignment