Day0:

Bundlers: Tools that bundle up the html, css, javascript as understood by the web browser for e.g. Vite

Axios : library for web requests, give additional functionalities over fetch, kisi request ko bich me rokkar api keys add karni he wo sab.

CORS : cross origin error, “ Home example” , dusre ko ghar ke andar enter nahi karne dene ka.

Solutions: cors package, define origin and whitelisting.

Concepts of proxies.

Segregate your backend and frontend always.

From project backend? First question is What data are you going to store?

Sabse pehle ye check karo ki data save kese hoga ki nahi.

Data kese dalunga ye controller ka kam he.

Mongoose helps you in making schema.

STEPS IN BACKEND : 1. DATA Modelling

Day2 :  
Always identify the unique things first. Like in making a ecommerce database first know what are the unique things required segregate them accordingly.

For storing videos and photos we can store them on cloud, take their url : Better practice.

Enum gives you choices to select from.

Learned about how to make good schemas and write in mongose.

Learnings: Use inheritance, and DRY principle

Why formatting is necessary ?  
We use prettier for it, many people will work on the project , it may happen that some use ‘;’ while some don’t. It may create conflicts in this case. We need everyone to have the same standards while following code.

Why dev dependencicies ? npm i -D

Because they are not required at production time.

Why nodemon?

Because it restarts the server even while some changes in the files.

We give network acess to mogodb atlas from the ip address of the ip that we have our backend code.

About Database :  
1. problems may occur while handling database , put code in try catch or with promises

2. Database is always in another continent (it takes time to connect with database), hence always use async await.

As early as in you application configure dotenv.

Write proper error messages in the catch block, for eg. In connection with mongodb we must write in catch block as “Connection failed”

An important thing about dotenv file,

It does not support module js as of now {January 4} , we can configure it our own.

Import dotenv from “dotenv”

Dotenv.config({path : ‘ ./.env’);

"scripts": {

    "dev": "nodemon -r dotenv/config --experimental-json-modules src/index.js"

  },

This line is added so as we can use the experimental feature of it

## CUSTOM API response and error handling