**Learning backend professionally**

Is mai sab sy pehly hum **npm init** kr k **package.json** ki file create kryn gy

Us k baad hum aik readme ki file create kryn gy

Us mai hum apny module ka link add kr skty hain

Us k baad git k sath attach kryn gy

Us k baad hum public folder create kryn gy

Us mai temp k name sy folder kr k us mai **.gitkeep** ki file create kryn gy jo k empty rhy gi filhal

Us k baad hum main project mai **.gitignore** ki file create kryn gy

Jis mai hum wo sab files add krty hain jo hum nai github pr push nahi krni hoti

Jis k liye hum online b files create kr skty hain jisy hum gitignore mai add kryn gy

<https://mrkandreev.name/snippets/gitignore-generator/>

Is mai hum node likh kr files create kr k us ko file mai add kryn gy

Is mai sari wo files hon gi jo hum github pr push nhi krna chahty

Is k elawa agr koi or file ho jo hum nahi push krna chahty wo b add kr skty

Environment variables b track ho rhy

Tou hum is mai.env ki file b create kryn gy

Us k baad root mai aik src folder create kryn gy

Jis mai 3 files create kryn gy

**app.js**

**constants.js**

**index.js**

Or hum apny poory project mai import type module use kryn gy

Jis k liye package.json mai

  "type": "module",

  "main": "index.js",

Ye add kryn gy

Backend mai hamein baar baar server ko stop or start krna parta hai

Jis k liye hum **nodemon** ko use kryn gy

Is sy ye hota hai k jesy hi file save hoti hai tou ye server ko restart kr deta hai

2 tarah ki dependency hoti hai

Aik development dependency(jo sirf developemnt mai use hoti ,,production mai usko use ni kia jata

or

Dusri main dependency(jo production or development dono mai use hoti)

Is mai hum nai dev dependency install krni

You can also install nodemon as a development dependency:

npm install --save-dev nodemon

Ab command ko run krny k liye hamein btana pary ga k ye start krdo

Us k liye package.json mai btana pary ga

Hum script add kryn gy

 "scripts": {

    "test": "echo \"Error: no test specified\" && exit 1",

    "dev":"nodemon src/index.js"

  },

Ye add kryn gy or jb npm run dev kryn gy tou ye start ho jaye ga

Is k baad hum kuch or folders create kryn gy

**controllers** jis mai hum functionality likhyn gy

**db** jis mai database ka connection logic likhyn gy

**middlewares** jis mai hum koi in between kam krwana ho jesy koi request ayi tou us server sy k response sy pehly koi check in lgana ho

**models**

**routes**

**utils (** shortcut hai utilities ka matlb jo functionality baar baar use hogi usko file folder mai rkh dia jaye or jab b kam mai hoga hum wahan sy ly lyn gy)