**Dependencies to install in backend folder**

**Npm init –y**:

 Your have node\_modules in the root directory but it is for the entire project, but your **backend needs its own package.json** to manage dependencies separately.

 When you run npm init -y inside the backend folder, it will create a package.json specific to your backend, making it easier to track backend dependencies like express, mongoose, etc.

 Without a package.json in backend, running npm install commands will try to modify the root node\_modules and package.json.

**npm install express mongoose cors dotenv**

 **express:** Framework for building backend servers. Helps define routes, handle requests, and send responses.

 **mongoose:** Library for MongoDB. Makes it easier to define schemas, interact with the database, and perform CRUD operations.

 **cors:** Middleware to allow your backend to accept requests from different origins (like your React frontend).

 **dotenv:** Library to manage environment variables from a .env file, keeping sensitive data (e.g., database URLs) secure.

**Npm install nodemon :**

 A tool that **automatically restarts your Node.js server** whenever you make changes to your code.

 Saves time during development since you don't need to manually restart the server each time.