

Learn The MERN Stack - Express & MongoDB Rest API

[YOUTUBE](#)

express
dotenv
mongoose
colors

nodemon

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1. Project initial setup

1.1 Create an empty gitHub repository for the project

1.2 Clone the repository to the local computer

CLI=> `git clone https://github.com/ILopatenko/mern-app.git`

1.3 Initialize a new NPM project

CLI=> `npm init -y`

1.4 Project structure

All the files that belongs to backend should be stored inside `./backend` folder


Main backend file – `./backend/server.js`

1.5 Install additional packages

CLI=> `npm i express dotenv mongoose colors`

CLI=> `npm i -D nodemon`

1.6 Change the start npm script



```
{} package.json U X
{} package.json > ...
1  {
2    "name": "mern-app",
3    "version": "1.0.0",
4    "description": "mern app",
5    "main": "server.js",
6    "scripts": {
7      "start": "node ./backend/server.js",
8      "server": "nodemon ./backend/server.js"
9    },
10   "repository": {
11     "type": "git",
12     "url": "git+https://github.com/ILopatenko/mern-app.git"
13   },
14   "keywords": [],
15   "author": "Iurii Lopatenko",
16   "license": "MIT",
17   "bugs": {
18     "url": "https://github.com/ILopatenko/mern-app/issues"
19   },
20   "homepage": "https://github.com/ILopatenko/mern-app#readme",
21   "dependencies": {
22     "colors": "^1.4.0",
23     "dotenv": "^16.0.0",
24     "express": "^4.17.3",
25     "mongoose": "^6.2.8"
26   },
27   "devDependencies": {
28     "nodemon": "^2.0.15"
29   }
30 }
```

Now I can use `npm run start` to start my server with node.js and `npm run server` to start my server with nodemon

2. Backend

3. Frontend