MongoDB and ExpressJS Deployment

MongoDB:

Account: Create account on MongoAtlas → create a free (M0) cluster → configure cluster

Connection String: Copy connection string → provided during configuration → also set the username and password during configuration and save it.

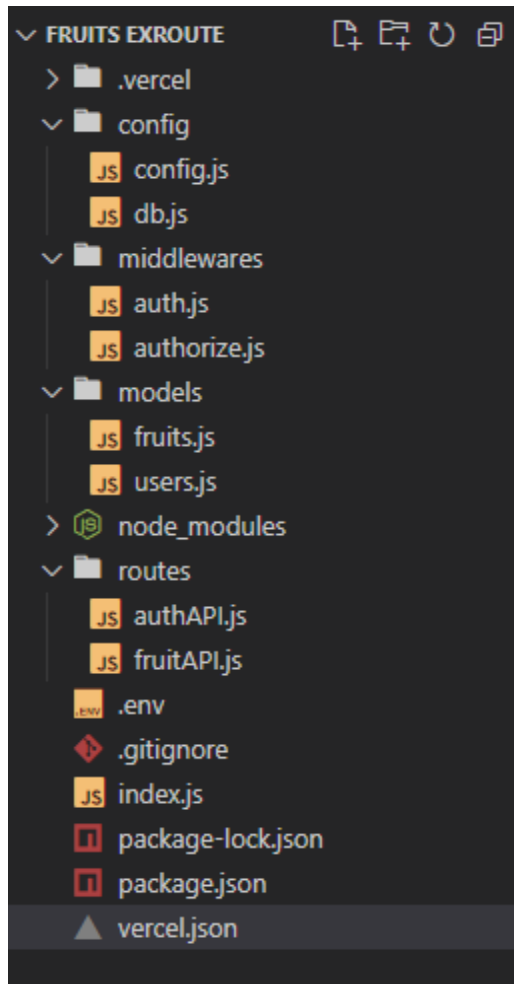**Setup IP:** set IP to accept from all origin(0.0.0.0/0)

ExpressJS:

Vercel Setup: Open vercel and create account → using github auth

Open vs-code project: Open terminal → use: npm i -g vercel → run: vercel –version (in my case when i ran the version command, i got command not recognized error)

```
PS D:\ExpressJS\Relation\fruits exroute> vercel login
vercel : The term 'vercel' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify that the path is
correct and try again.
+ vercel login
+ ~~~~~~
    + CategoryInfo          : ObjectNotFound: (vercel:String) [], CommandNotFoundException
    + FullyQualifiedErrorId : CommandNotFoundException
```

Add vercel.json file to your root folder, in my case my folder structure is:

My vercel.json file contain following data:

```json
{
    "version": 2,
    "builds": [
      {
        "src": "index.js",
        "use": "@vercel/node"
      }
    ],
    "routes": [
      {
        "src": "/(.*)",
        "dest": "index.js"
      }
    ]
}
```

Then i checked online about the error and the solution i got is:
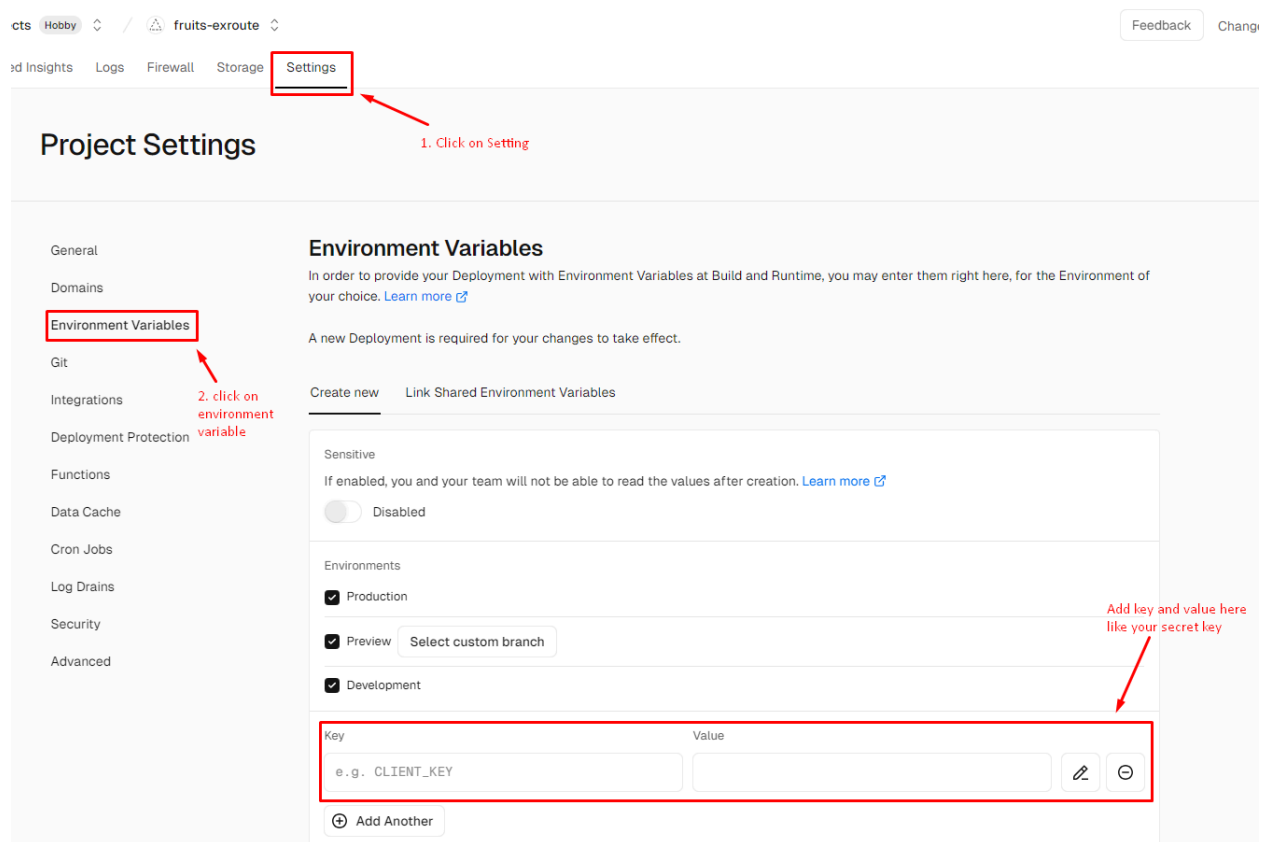
Run below in terminal:
`C:\Users\YourUserName\AppData\Roaming\npm\vercel.ps1`

ScreenShot of my terminal

After successfully deploying, go to Vercel dashboard or online project setup page,

Add .env content there

And also click on the "deployment protection" as you can see in above image and disable "Vercel Authentication", otherwise you won't be able to call and use APIs before logging in to Vercel account.

By now, your app should work and if there are some problems, go to the "Log" tab and check for the problems there.

Happy Coding...