

# How to Setup & Run this Project

How to Run Project (Video Tutorial) - [click here](#)

OR

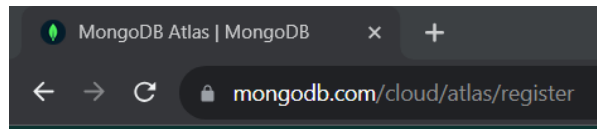
## ❖ Install NodeJs ( Ignore If Already Installed)

1. Visit the official Node.js website i.e)  
<https://nodejs.org/en/download/>
2. Download the Node.js installer
3. Run the installer.
4. Follow the prompts in the installer.

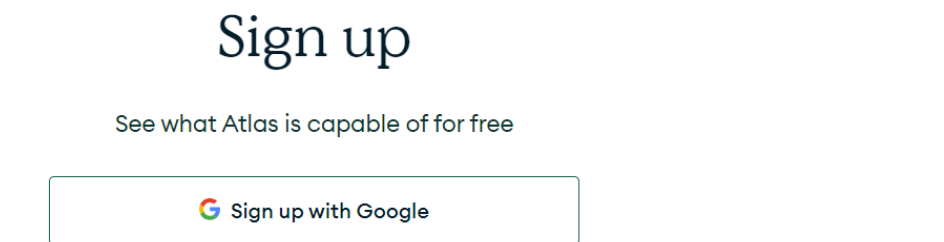
## —First Run Backend then Frontend & Admin—

## ❖ Steps To Setup Backend Of The Project

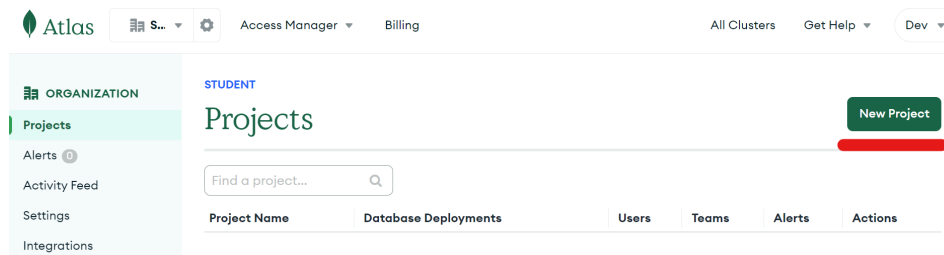
1. Open Project Folder In VS Code
2. Open Integrated Terminal
  - Right Click on Sidebar > Select "Open In Integrated Terminal"
3. Type "**npm install**" and press Enter and Wait for Installation to be completed (requires Internet)
4. Setup The MongoDB
  - a. Open this link - [LINK](#)



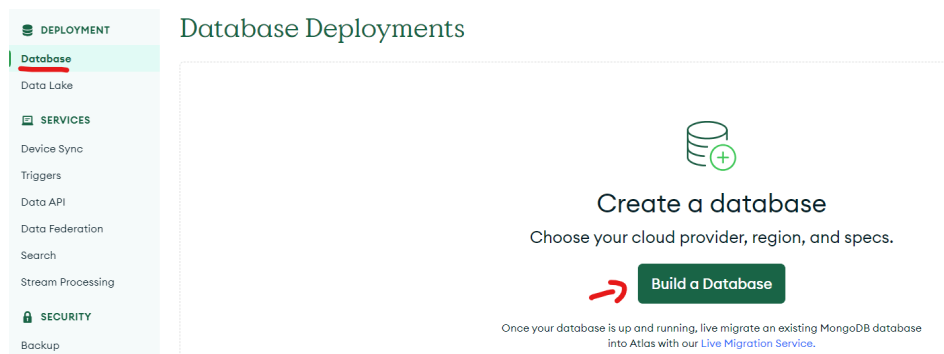
b. After that Sign Up on the website.



c. Click on New Project Option



d. After Creating Project go to Database Section & Build a database



e. Select M0 & Your Region & Create Database

**MongoDB**

### Deploy your database

Use a template below or set up [advanced configuration options](#). You can also edit these configuration options once the cluster is created.

**M10** **\$0.10/hour**  
 For production applications with sophisticated workload requirements.  

STORAGE	RAM	vCPU
10 GB	2 GB	2 vCPUs

**SERVERLESS** **\$0.10/1M reads**  
 For application development and testing, or workloads with variable traffic.  

STORAGE	RAM	vCPU
Up to 1TB	Auto-scale	Auto-scale

**M0** **FREE**  
 For learning and exploring MongoDB in a cloud environment.  

STORAGE	RAM	vCPU
512 MB	Shared	Shared

Provider: aws Google Cloud Azure

Region: ★ Recommended region ⓘ  
India Mumbai (asia-south1) ★

Name: You cannot change the name once the cluster is created.

Tag (optional): Create your first tag to categorize and label your resources; more tags can be added later. [Learn more.](#)  
 :

**FREE**

**Create**

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime. [I'll deploy my database later](#)

[Access Advanced Configuration](#)

## f. Setup Username & Password & Create User

Create a database user using a username and password. Users will be given the *read and write to any database* [privilege](#) by default. You can update these permissions and/or create additional users later. Ensure these credentials are different to your MongoDB Cloud username and password.

**Username**

**Password** ⓘ

[Autogenerate Secure Password](#) [Copy](#)

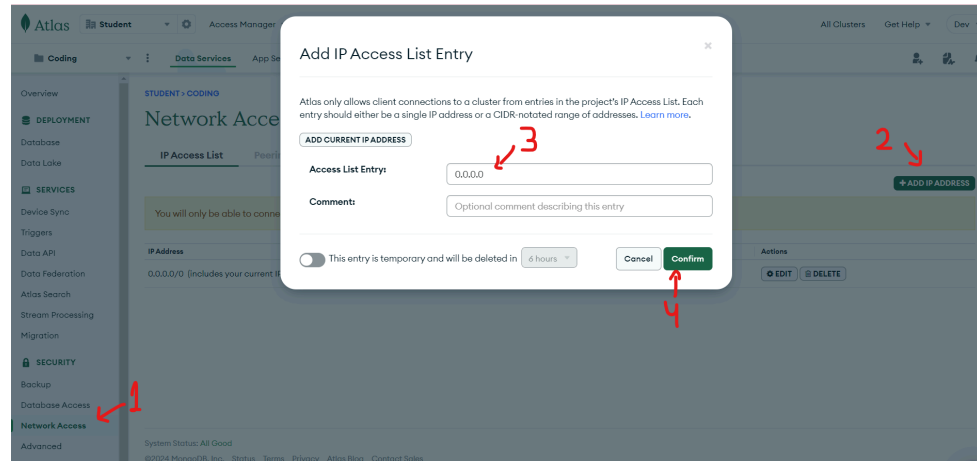
**Create User**

**Note:** Do not use '@' symbol in the password

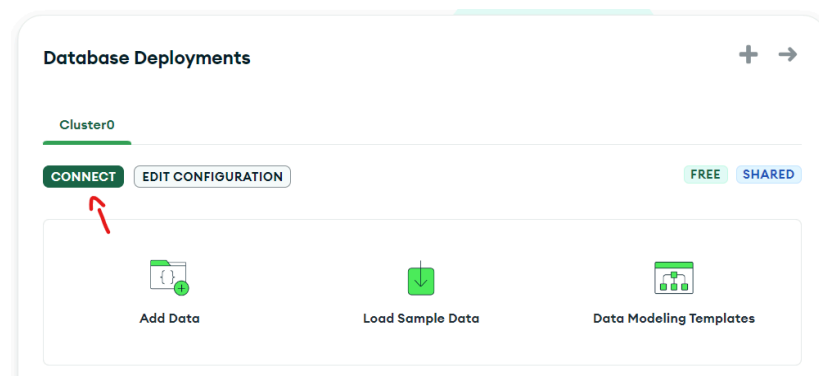
## g. Now Click on Finish & Close

**Finish and Close**

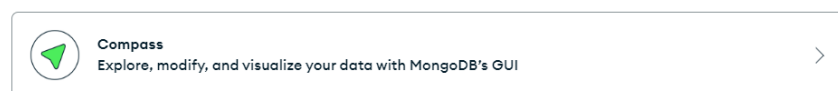
## h. Whitelist IP 0.0.0.0 & Click on Add Entry



## i. Now Click on Connect



## j. Now Select Compass Option



## k. And Copy the Connection String

### 2. Copy the connection string, then open MongoDB Compass



Replace `<password>` with the password for the `greatstack` user.  
When entering your password, make sure that any special characters are [URL encoded](#).

1. And Paste It in db.js replace password with password you set previously in 4.F & save changes



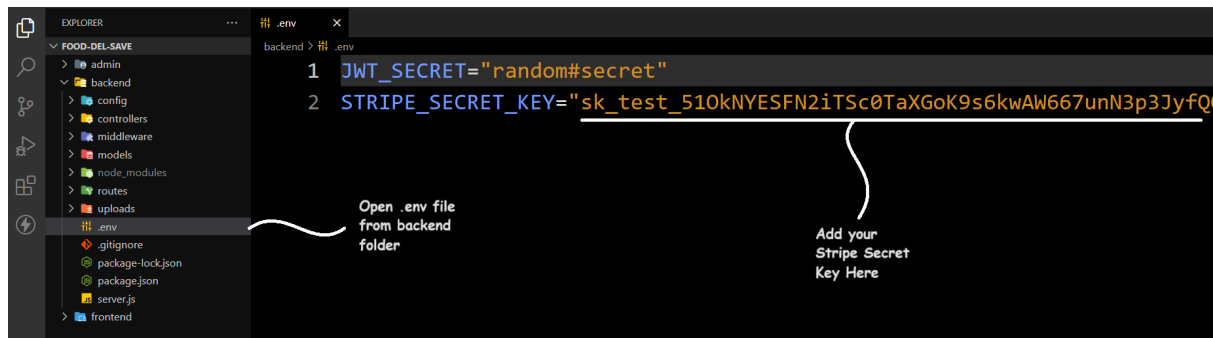
```
1 import mongoose from "mongoose";
2
3 export const connectDB = async () =>{
4   await mongoose.connect('mongodb+srv://dev:password-here@cluster0.n4vpnc.mongodb.net/food-del').
5 }
```

Add your password here

Add project name

## 5. Now We have to Set Up stripe

- Open .env file in backend folder paste your stripe secret key in STRIPE\_SECRET\_KEY variable

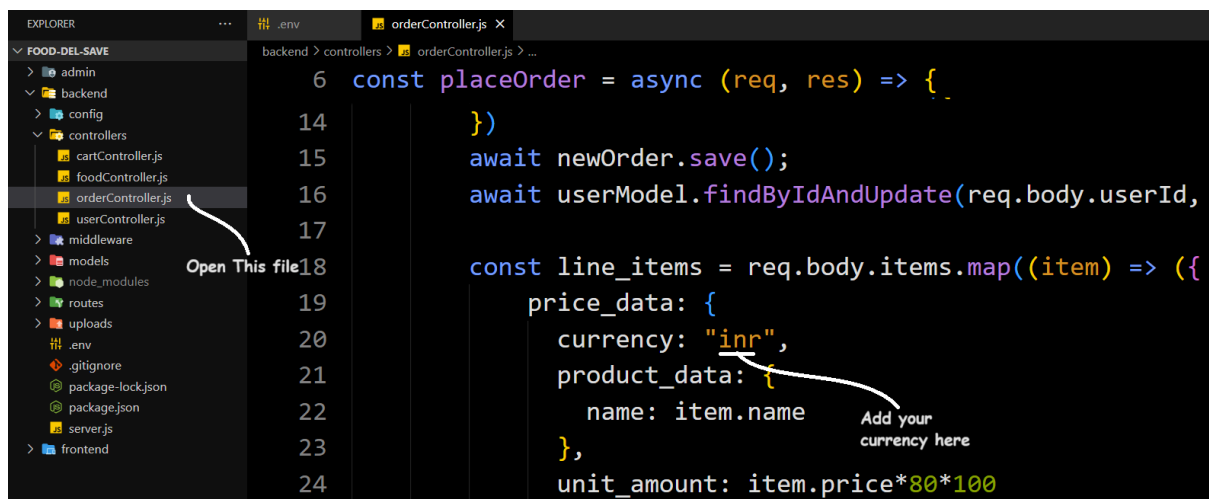


```
1 JWT_SECRET="random#secret"
2 STRIPE_SECRET_KEY="sk_test_510kNYESFN2iITSc0TaXGoK9s6kwAW667unN3p3JyfQ"
```

Open .env file from backend folder

Add your Stripe Secret Key Here

- Now Open orderController file located in backend/controller folder & add your country currency



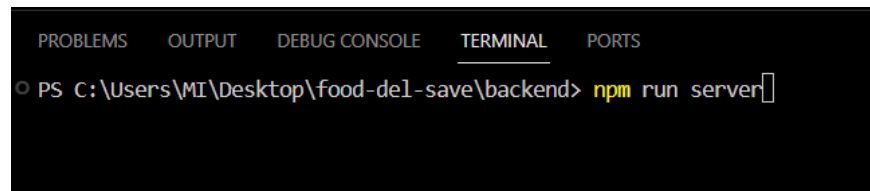
```
6 const placeOrder = async (req, res) => {
14   })
15   await newOrder.save();
16   await userModel.findByIdAndUpdate(req.body.userId,
17
18   const line_items = req.body.items.map((item) => ({
19     price_data: {
20       currency: "inr",
21       product_data: {
22         name: item.name
23       },
24       unit_amount: item.price*80*100

```

Open This file

Add your currency here

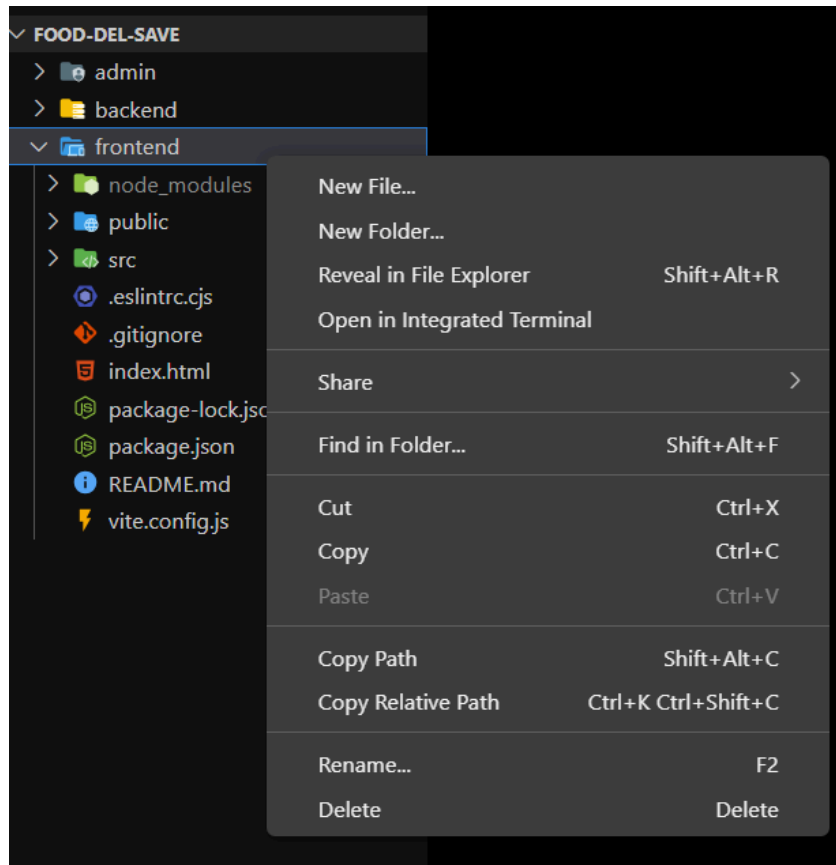
6. To Run Backend use **npm run server** in Integrated Terminal



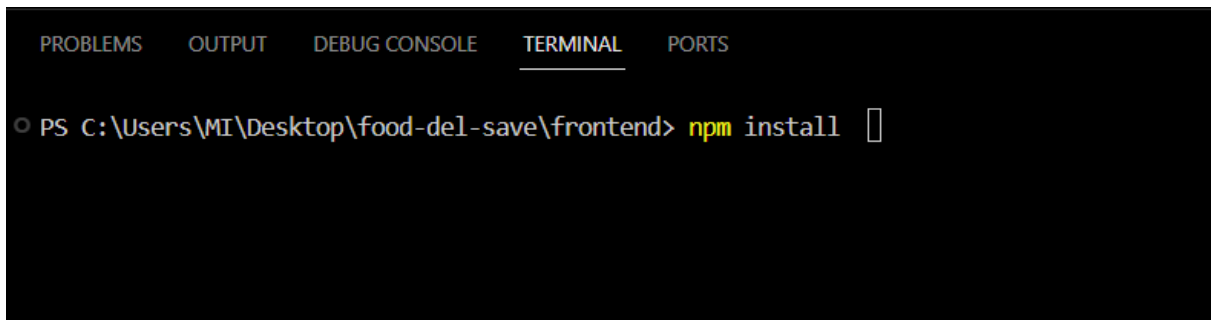
```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\MI\Desktop\food-del-save\backend> npm run server
```

### ❖ Steps To Run Frontend & Admin Panel Of The Project

1. Open Project Folder In VS Code
2. Open Integrated Terminal in project directory
  - Right Click on Sidebar > Select "Open In Integrated Terminal"



3. Type "npm install" and press Enter and Wait for Installation to be completed (requires Internet)

A screenshot of the Visual Studio Code interface. The top bar shows tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is active and underlined), and PORTS. The terminal window displays a PowerShell prompt: PS C:\Users\MI\Desktop\food-del-save\frontend> npm install. A cursor is visible at the end of the command.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\MI\Desktop\food-del-save\frontend> npm install
```

4. After Installation You will See 'node\_modules' Folder in the Sidebar

5. After that type "npm run dev" in terminal

A screenshot of the Visual Studio Code interface. The top bar shows tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is active and underlined), and PORTS. The terminal window displays a PowerShell prompt: PS C:\Users\MI\Desktop\food-del-save\frontend> npm run dev. A cursor is visible at the end of the command.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\MI\Desktop\food-del-save\frontend> npm run dev
```

6. Now Your Project Will Start In Your Default Web Browser

Find More Videos <https://www.youtube.com/@GreatStackDev/videos>