

How to Setup & Run this Project

❖ Install NodeJs (Ignore If Already Installed)

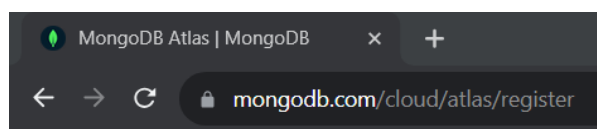
1. Visit the official Node.js website i.e)
<https://nodejs.org/en/download/>
2. Download the Node.js installer
3. Run the installer.
4. Follow the prompts in the installer.

—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](https://mongodb.com/cloud/atlas/register)



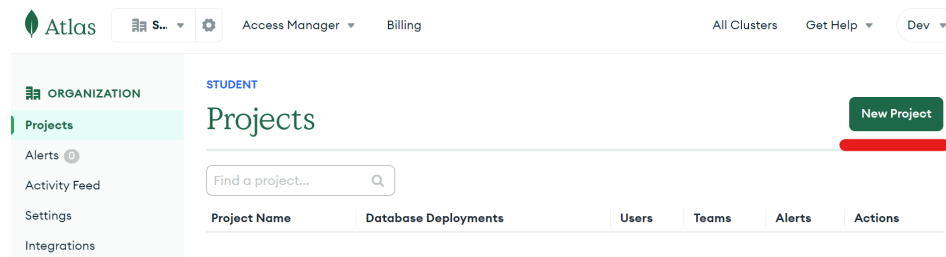
b. After that Sign Up on the website.

Sign up

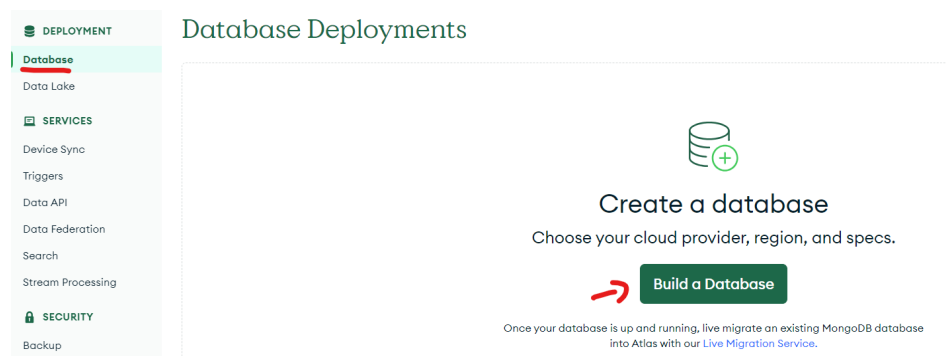
See what Atlas is capable of for free

 Sign up with Google

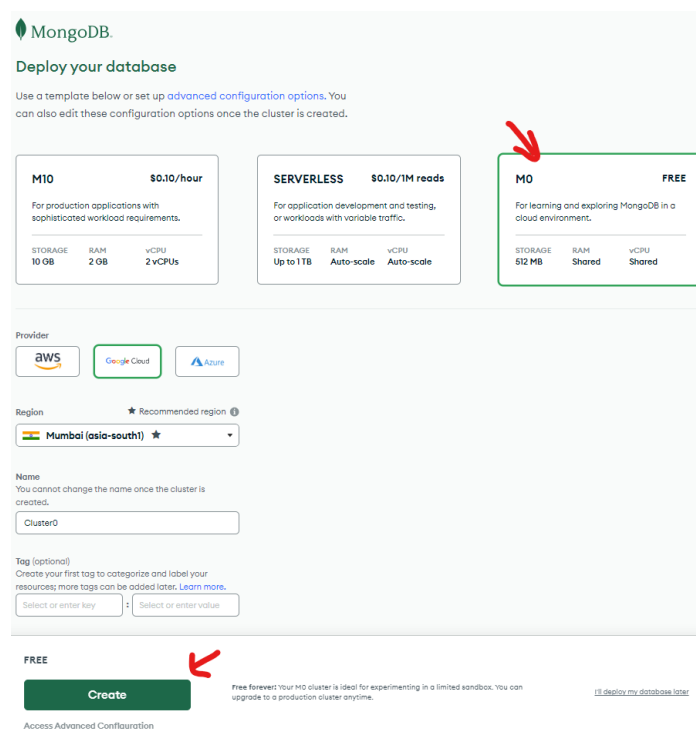
c. Click on New Project Option



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




e. Select M0 & Your Region & Create Database




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 

g. Add IP 0.0.0.0 & Click on Add Entry

Add entries to your IP Access List

Only an IP address you add to your Access List will be able to connect to your project's clusters.

IP Address	Description
<input type="text" value="0.0.0.0"/>	<input type="text" value="Enter description"/>
<input type="button" value="Add My Current IP Address"/>	
<input type="button" value="Add Entry"/> 	


h. Now Click on Finish & Close


i. Now Click on Connect


Database Deployments + →


Cluster0

FREE SHARED

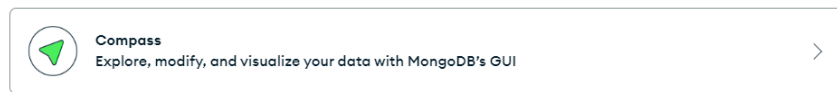



Add Data


Load Sample Data

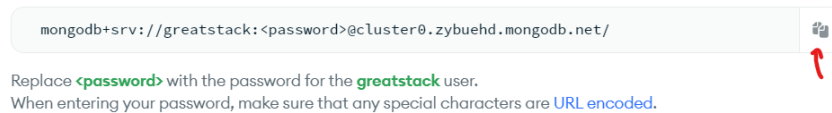

Data Modeling Templates

j. Now Select Compass Option

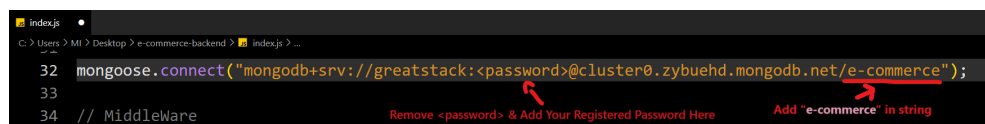


k. And Copy the Connection String

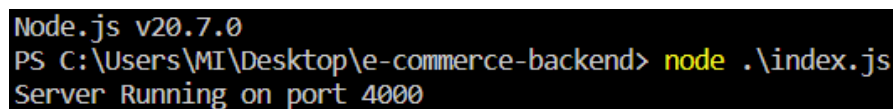
2. Copy the connection string, then open MongoDB Compass



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

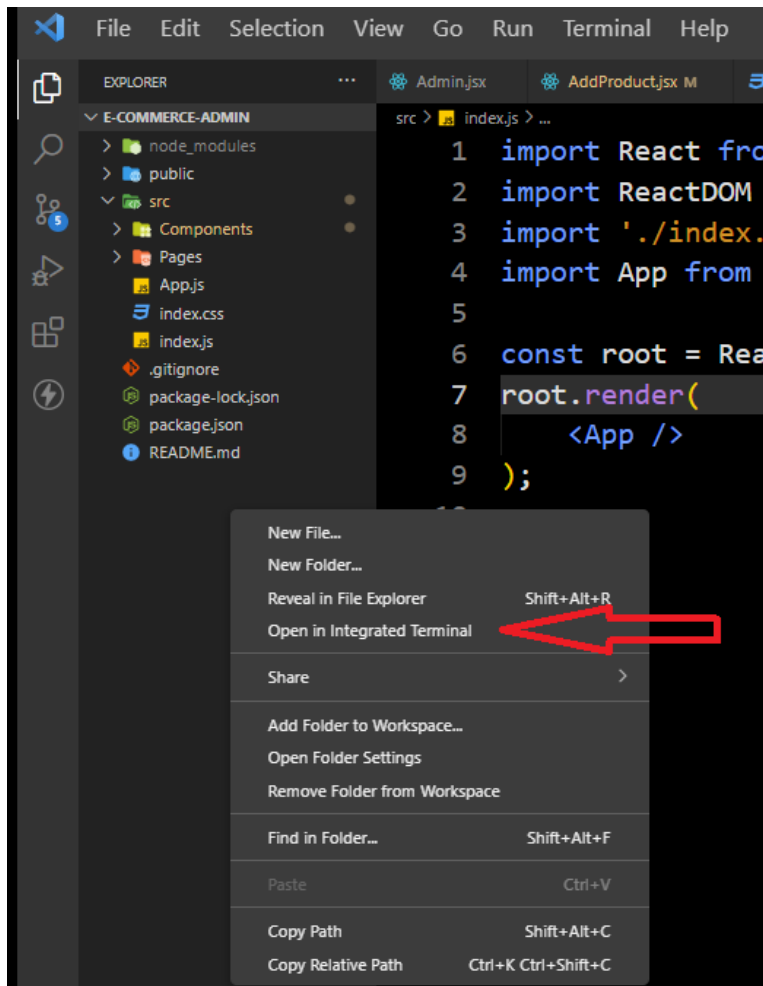


5. To Run Project use node .\index.js in Integrated Terminal

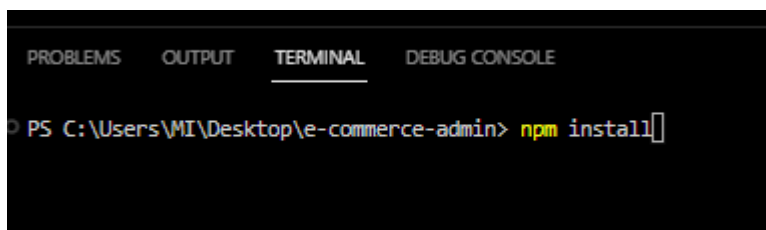


❖ Steps To Run Frontend & Admin Panel Of The Project

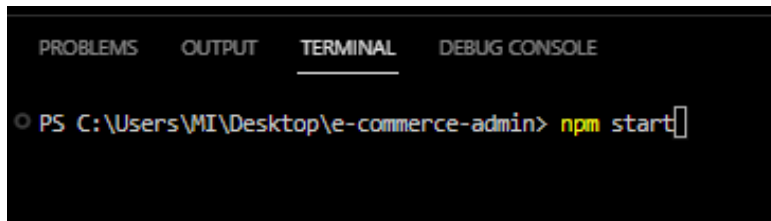
1. Open Project Folder In VS Code
2. Open Integrated Terminal
 - Right Click on Sidebar > Select "Open In Integrated Terminal"



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



4. After Installation You will See 'node_modules' Folder in the Sidebar
5. After that type "npm start" in terminal

A screenshot of a Visual Studio Code terminal window. The terminal has a dark background with light gray text. At the top, there are four tabs: 'PROBLEMS', 'OUTPUT', 'TERMINAL' (which is selected and underlined), and 'DEBUG CONSOLE'. Below the tabs, the terminal shows a PowerShell prompt 'PS C:\Users\MI\Desktop\e-commerce-admin>' followed by the command 'npm start' in yellow text, with a white cursor at the end of the command.

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
PS C:\Users\MI\Desktop\e-commerce-admin> npm start
```

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