

How to Setup & Run this Project

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

OR

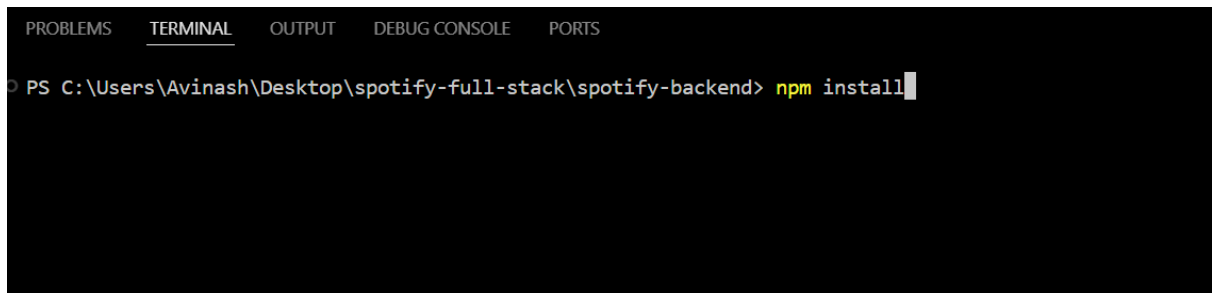
❖ Install NodeJs (Ignore If Already Installed)

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 'spotify-backend' > Select "Open In Integrated Terminal"
3. Type "**npm install**" and press Enter and Wait for Installation to be completed (requires Internet)
- 4.

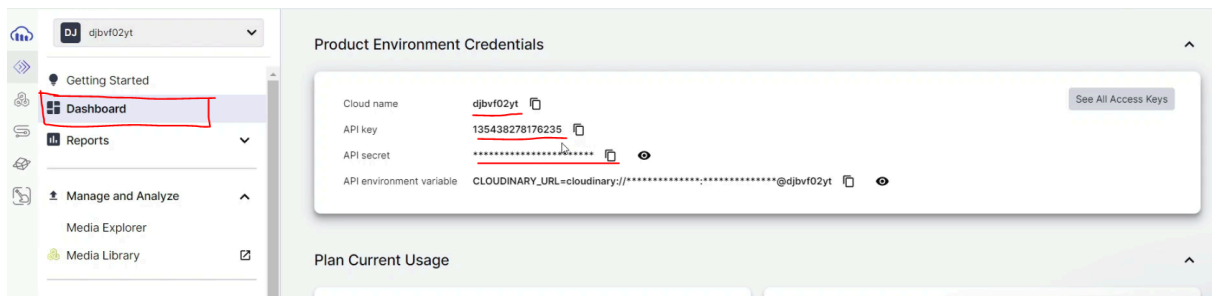


```
PROBLEMS  TERMINAL  OUTPUT  DEBUG CONSOLE  PORTS
PS C:\Users\Avinash\Desktop\spotify-full-stack\spotify-backend> npm install
```

5. Setup Cloudinary for file storage.

Create account and login to: <https://cloudinary.com/>

The go to Dashboard

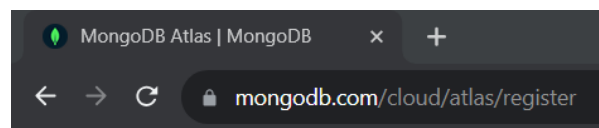


Copy and paste the Cloud Name, API Key, And Secret Key in the [.env file](#):



6. Setup The MongoDB


- a. Open this link - [LINK](#)



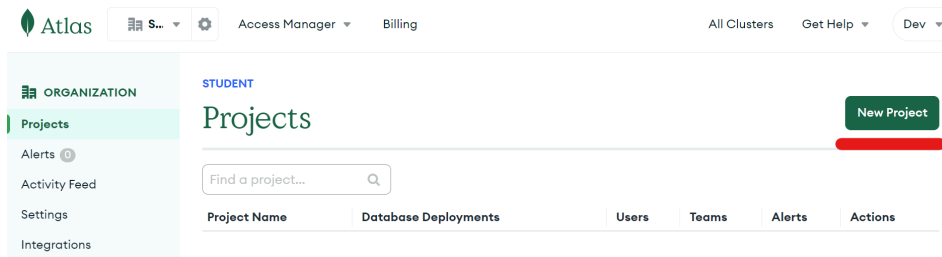
- b. After that Sign Up on the website.

Sign up

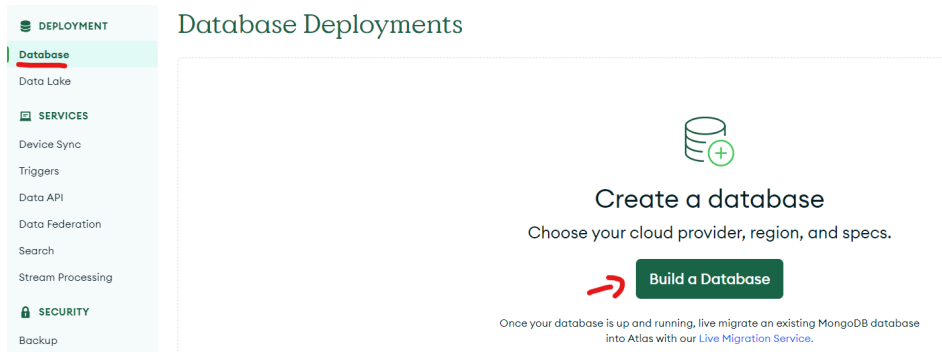
See what Atlas is capable of for free

 Sign up with Google

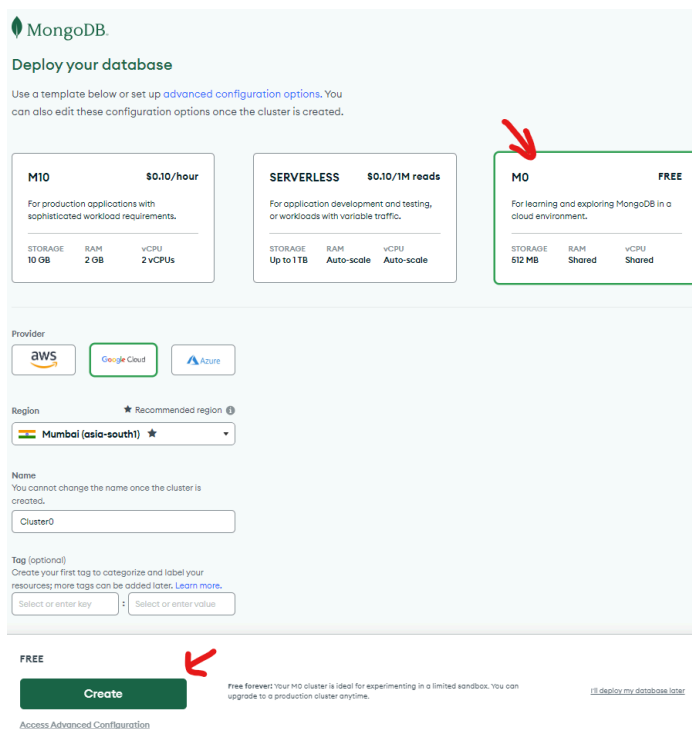
- c. Click on New Project Option



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 

 Autogenerate Secure Password  Copy

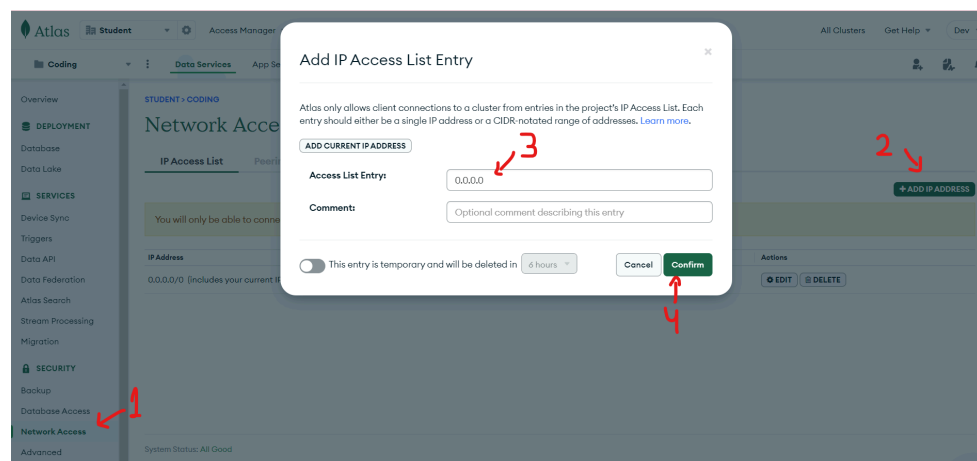
Create User 

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



Add IP Access List Entry

Atlas only allows client connections to a cluster from entries in the project's IP Access List. Each entry should either be a single IP address or a CIDR-notated range of addresses. [Learn more.](#)

ADD CURRENT IP ADDRESS

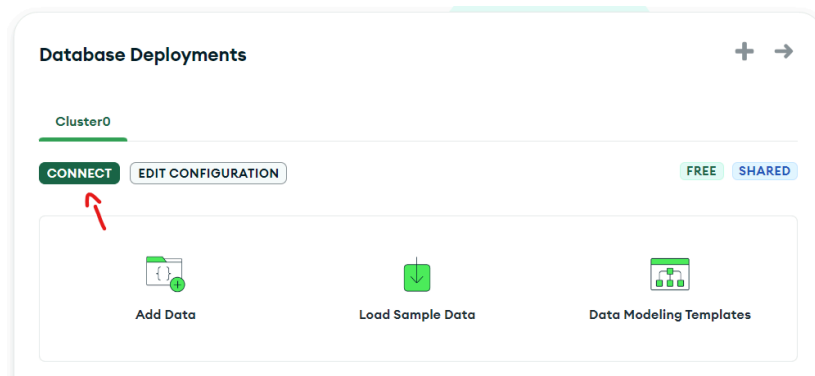
Access List Entry:

Comment:

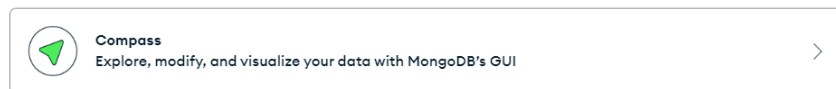
☐ This entry is temporary and will be deleted in

Cancel **Confirm**

i. Now Click on Connect

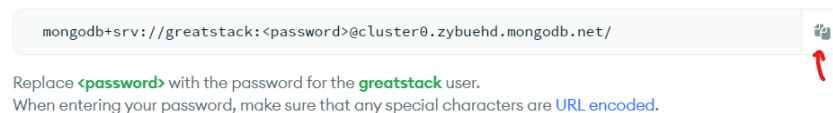


j. Now Select Compass Option



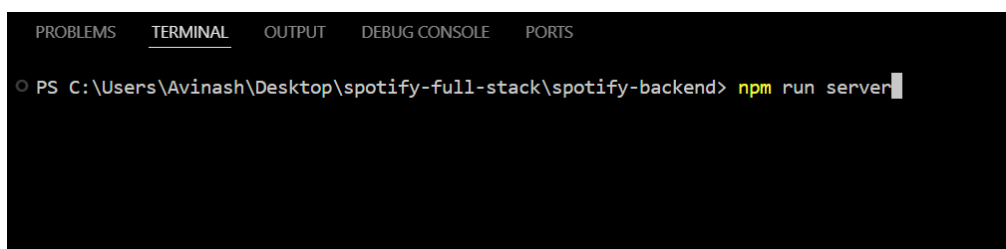
k. And Copy the Connection String

2. Copy the connection string, then open MongoDB Compass



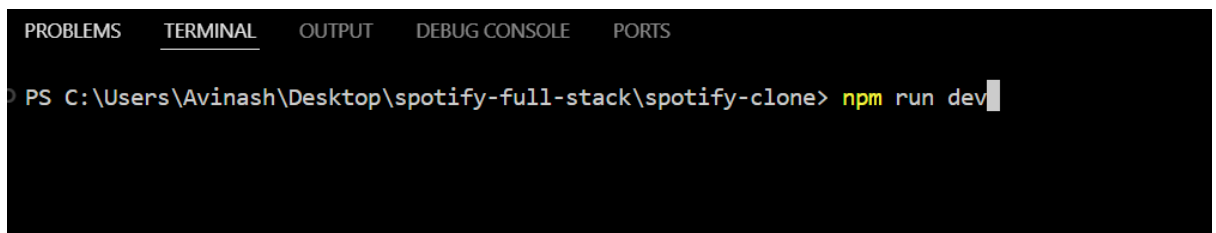
l. And Paste It in [.env file](#) and replace the password with the password you set previously in 4.F & save changes.

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



❖ Steps To Run Frontend of The Project

1. Right Click on 'spotify-clone' > Select "Open In Integrated Terminal"
2. Type "**npm install**" and press Enter and Wait for Installation to be completed (requires Internet)
3. After Installation You will See 'node_modules' Folder in the Sidebar
4. After that type "**npm run dev**" in terminal



```
PROBLEMS  TERMINAL  OUTPUT  DEBUG CONSOLE  PORTS
PS C:\Users\Avinash\Desktop\spotify-full-stack\spotify-clone> npm run dev
```

5. Now you will see the 'localhost' link in that terminal. Open that link in the browser.

❖ Steps To Run Admin Panel of The Project

1. Right Click on 'spotify-admin' > Select "Open In Integrated Terminal"
2. Type "**npm install**" and press Enter and Wait for Installation to be completed (requires Internet)
3. After Installation You will See 'node_modules' Folder in the Sidebar
4. After that type "**npm run dev**" in terminal
5. Now you will see the 'localhost' link in that terminal. Open that link in the browser.

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