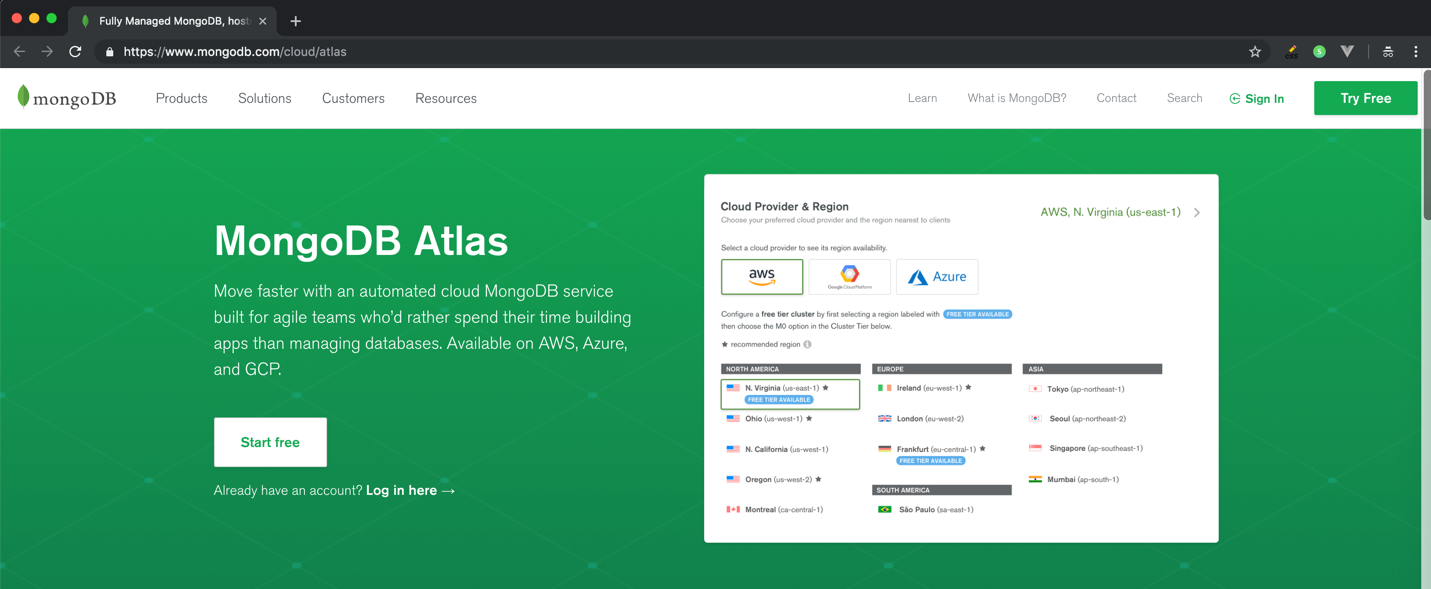
**Signup with MongoDB Atlas to use MongoDB**

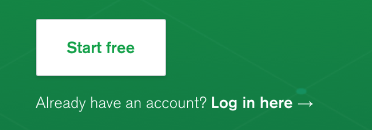
So recently, mLab has been closed for new signups. But that's not a problem, you can use MongoDB Atlas instead.

This article will guide you on how to get started with MongoDB Atlas.

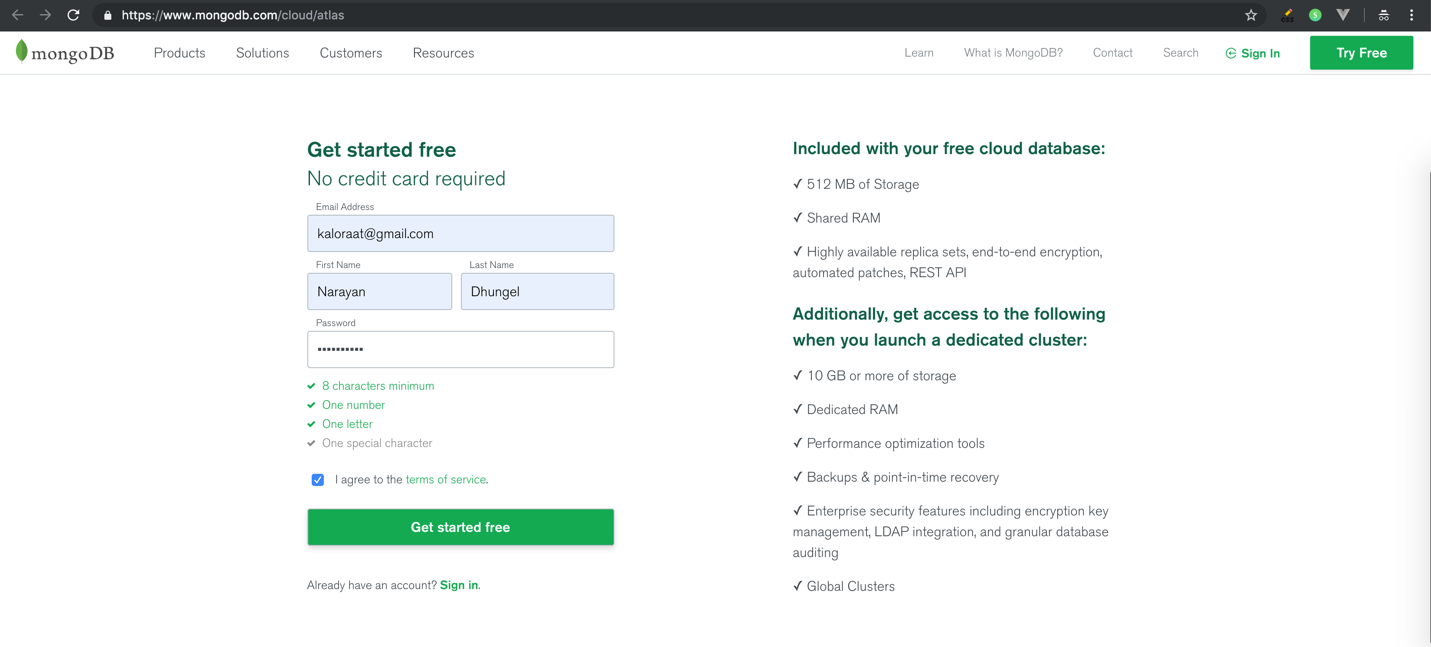
**Visit** [**MongoDB Atlas**](https://www.mongodb.com/cloud/atlas)



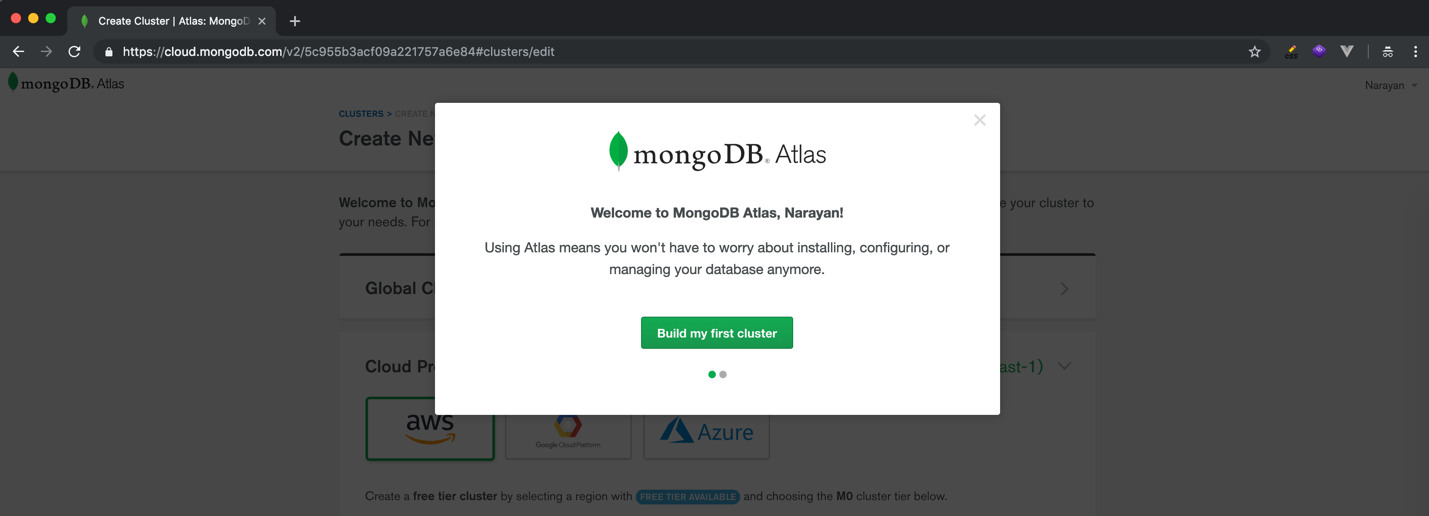
**Click on Start Free**



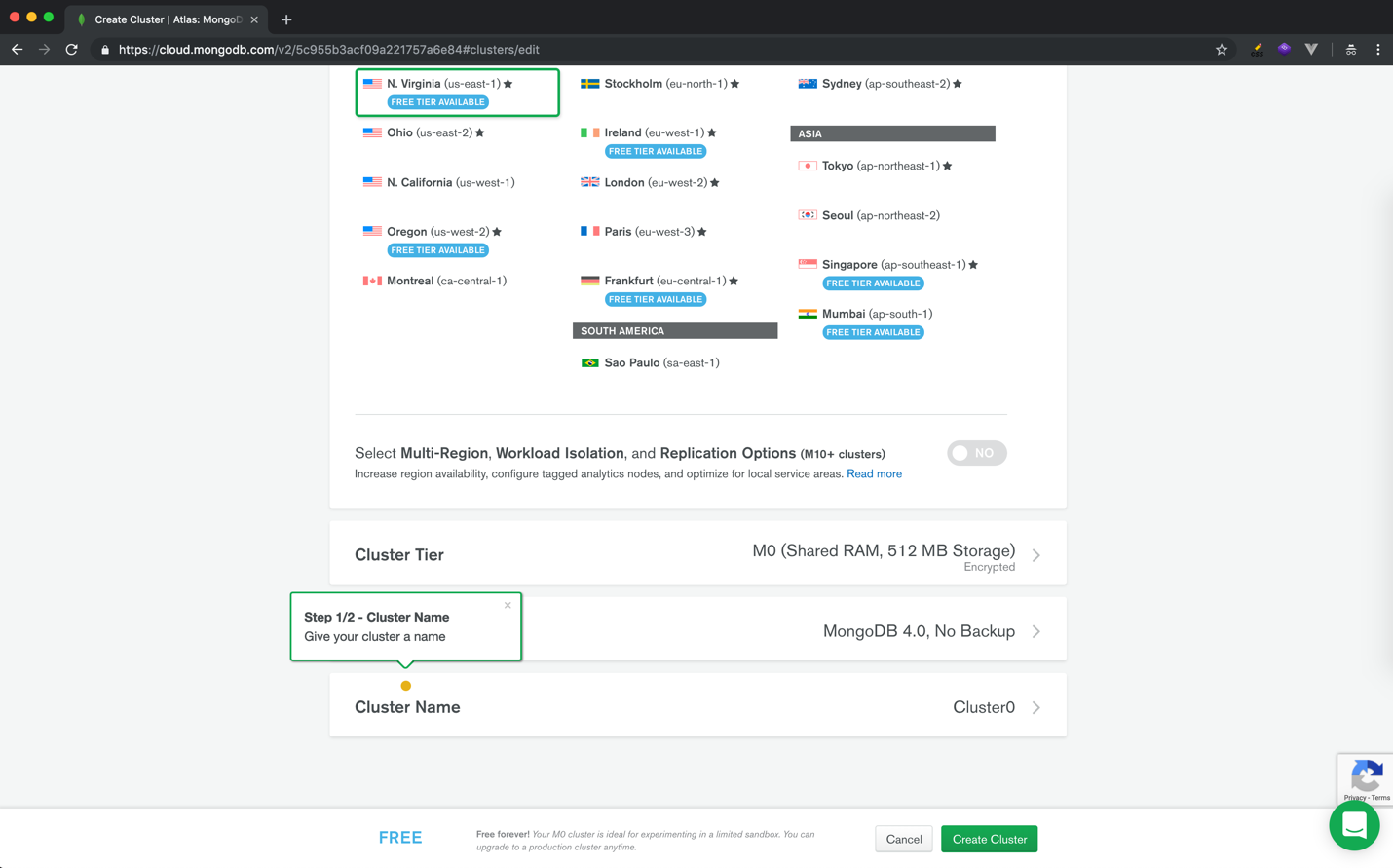
**Complete the form with your email, name, password, accept terms of services and hit the button that says Get started free**



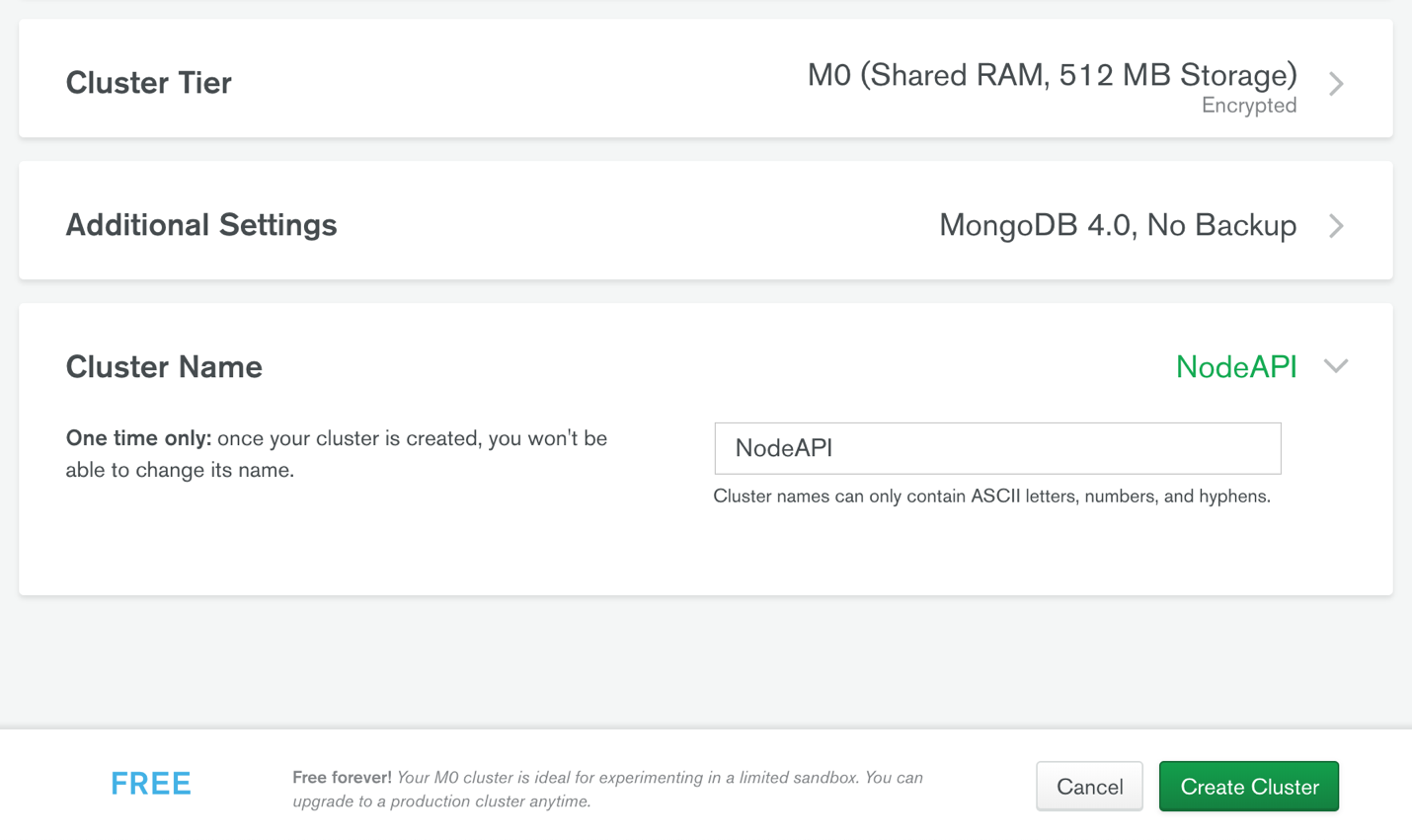
**Then you will be taken to a new page. There you will see a button that says Build my first cluster**



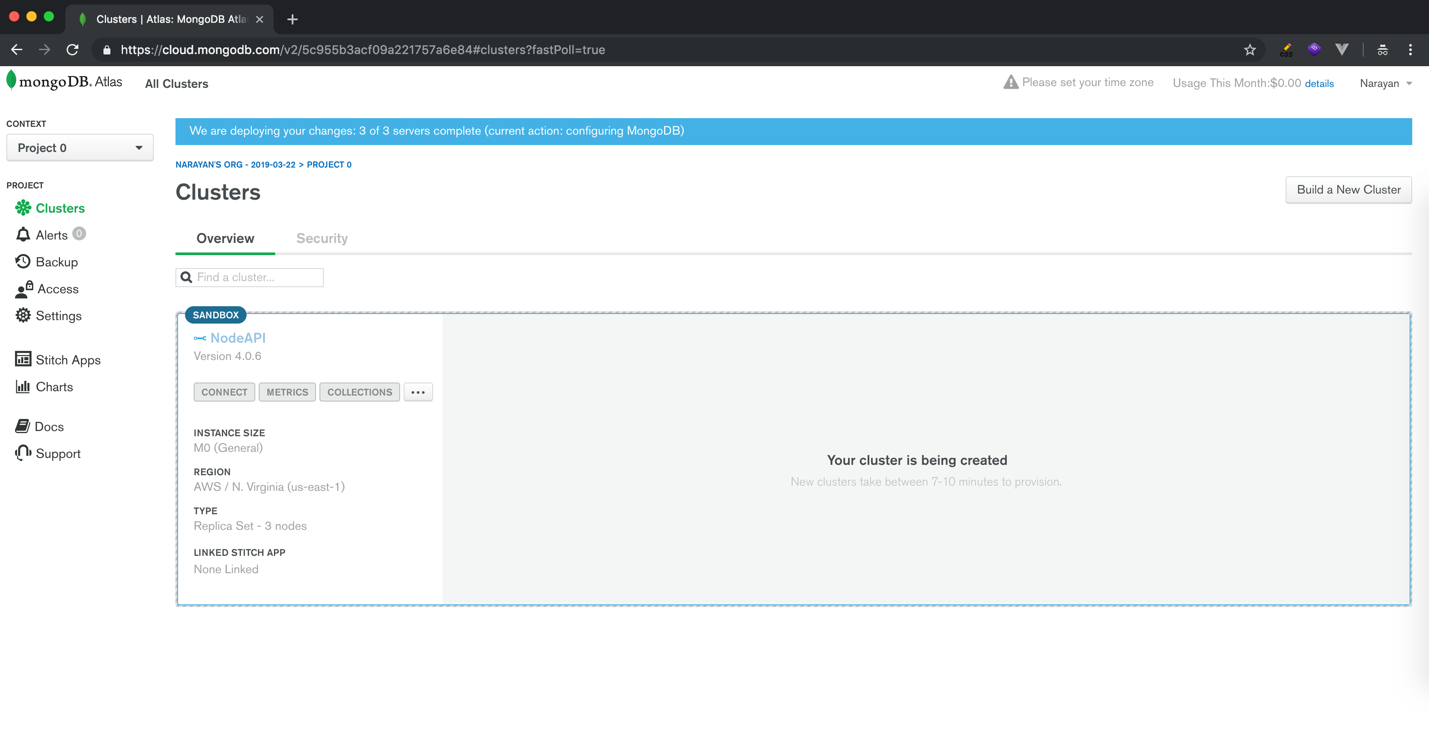
**Towards the end of the page, you will see Cluster Name row. Click on that to enter the name for your new cluster/database.**



**Give a name for your cluster and hit the button that says Create Cluster**

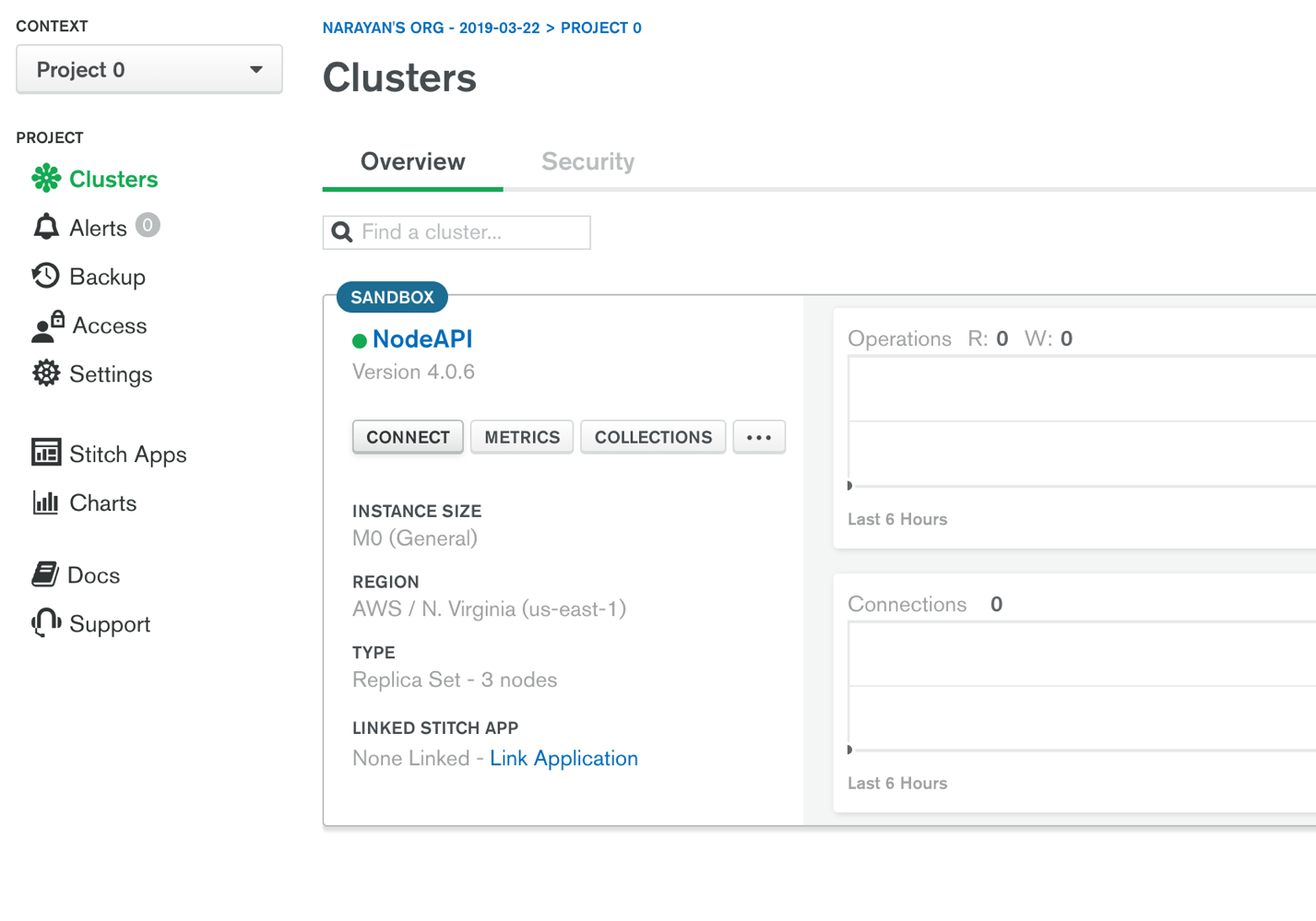


**Then you will see the following page**



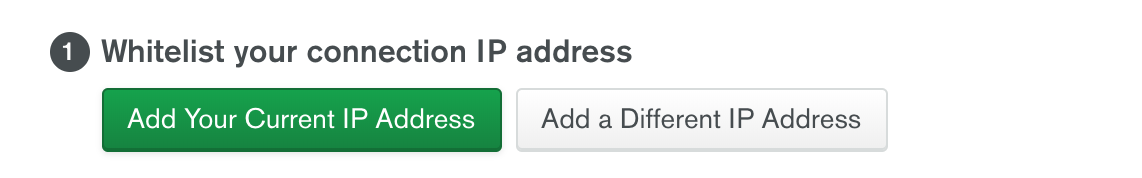
Towards the left sidebar, you will see the name of your Cluster along with few options such as CONNECT, METRICS, COLLECTIONS.

**Click on CONNECT**



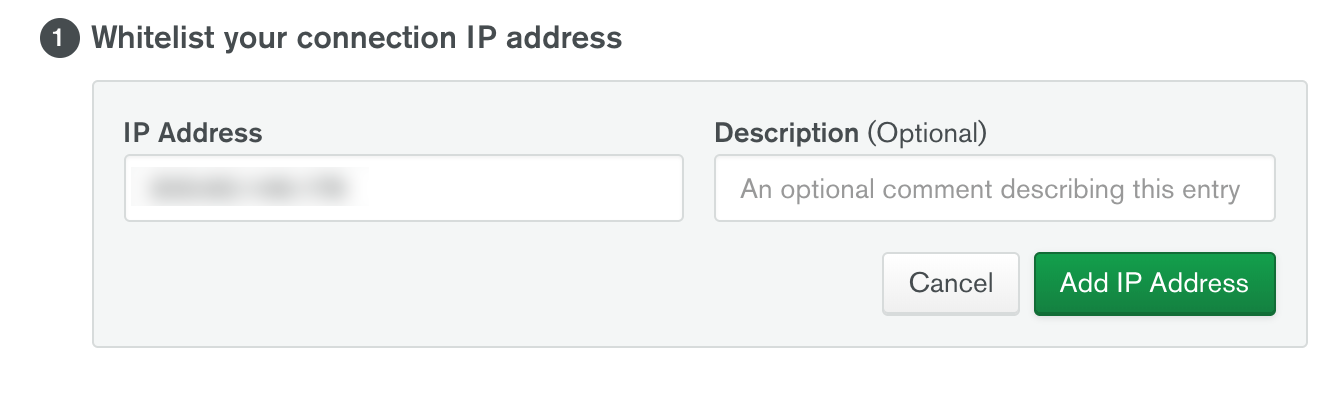
Once you hit CONNECT button. You will see a popup with few options.

**The first option asks you to Whitelist your connection IP address. Click on Add Your Current IP Address**



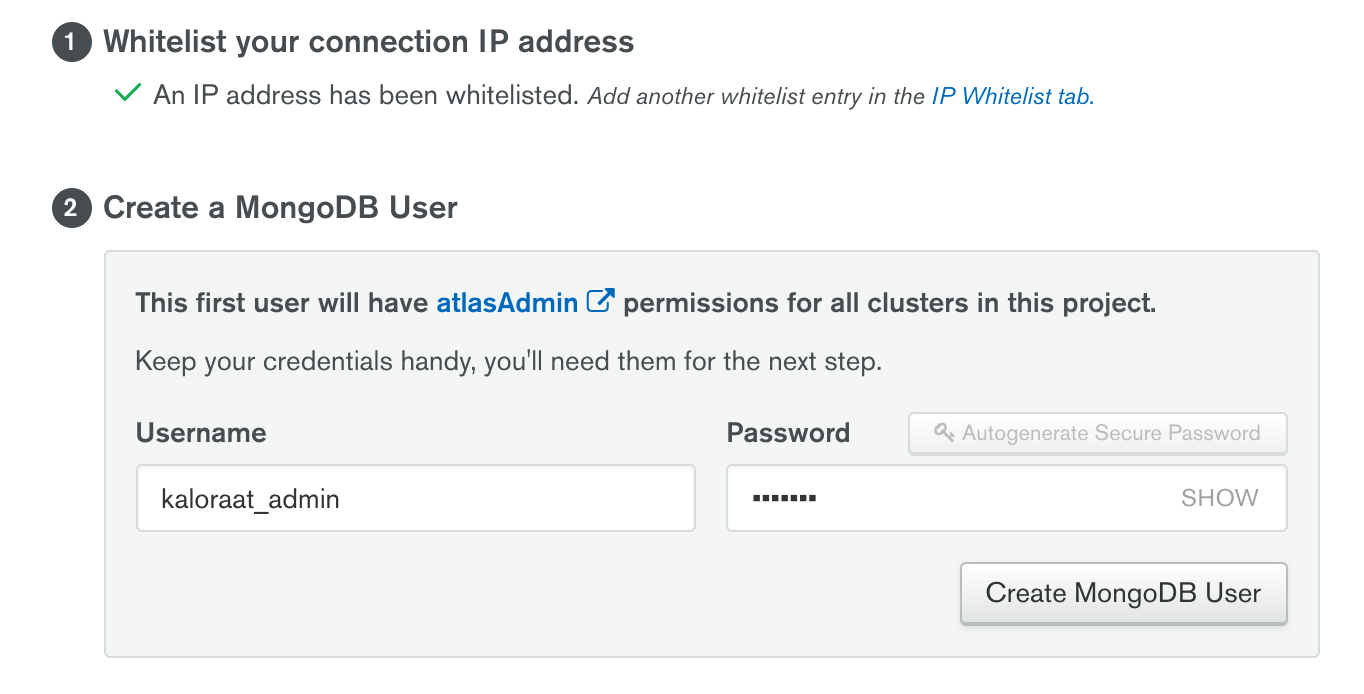
Once you hit the Add your current IP Address button, that will auto-populate the IP address.

**Just click on Add IP Address.**



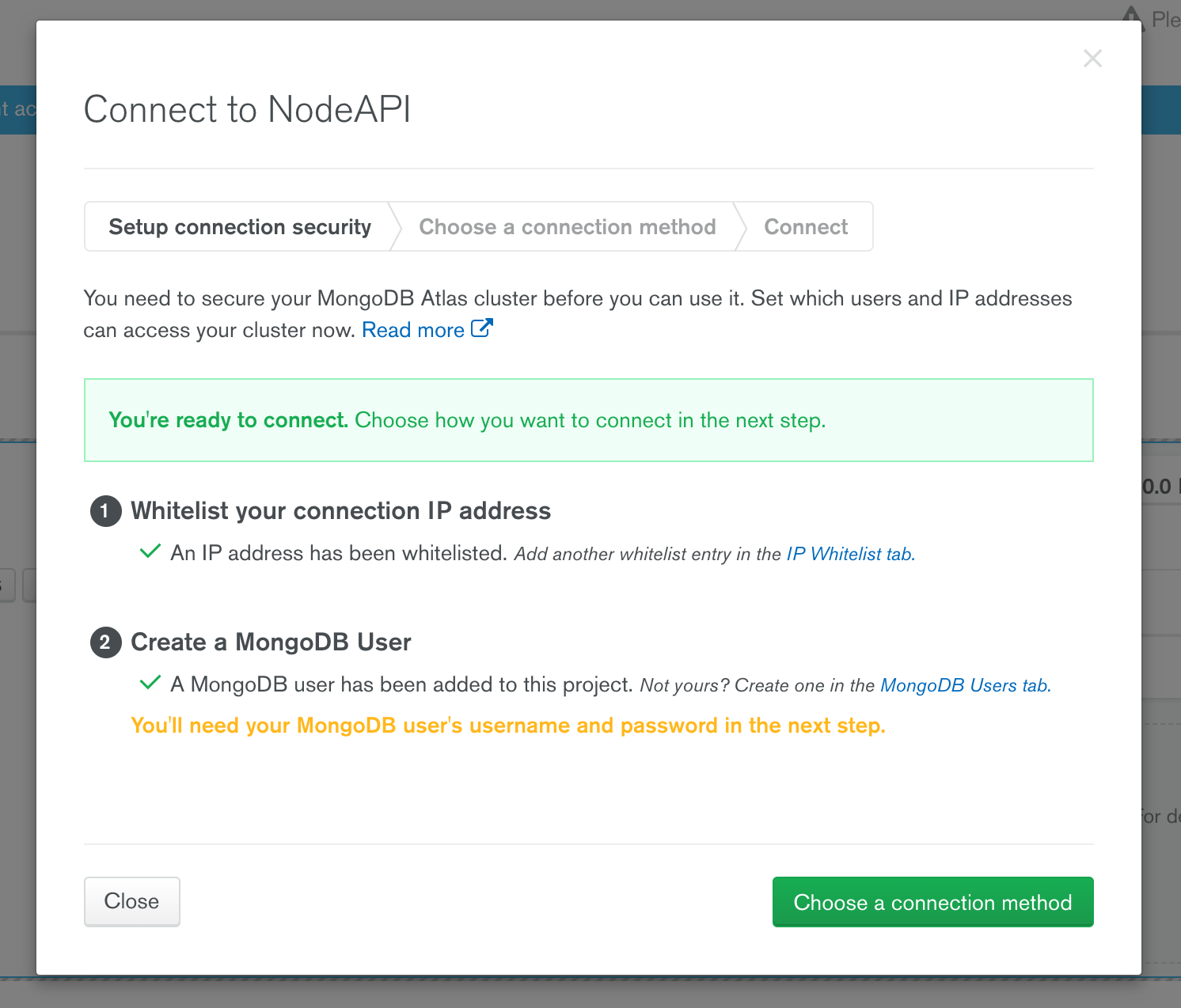
**Then the second option will ask you to Create a MongoDB User**

Enter any username and password and hit the button that says Create MongoDB User. This username and password is required later so you need to remember.

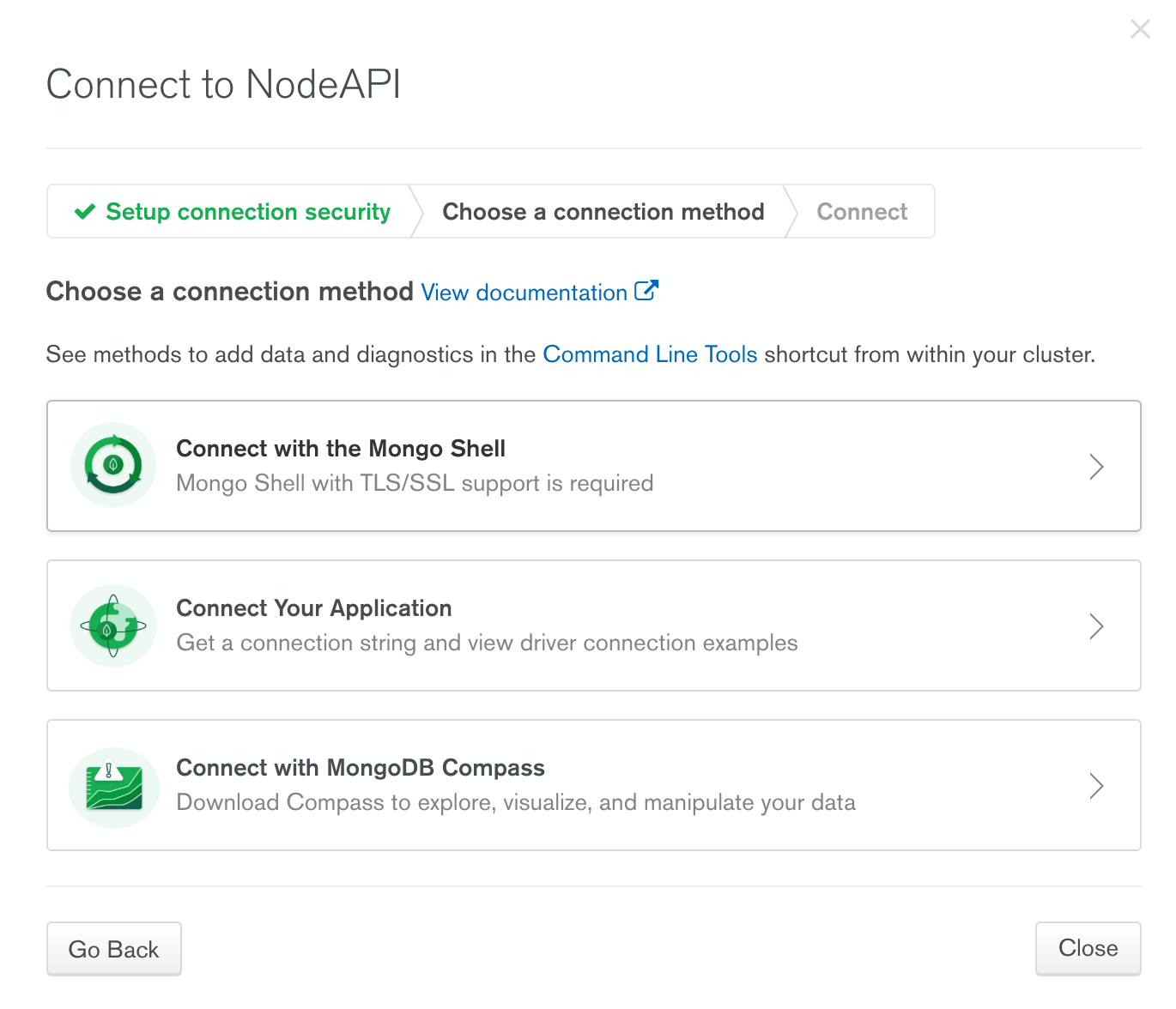


Then you will see the following window. It shows you success message that says: You're ready to connect.

**Click on Choose a connection method**

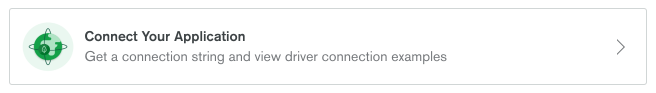


Once you hit the button that says Choose a connection method, you will see a new window with **3 options**

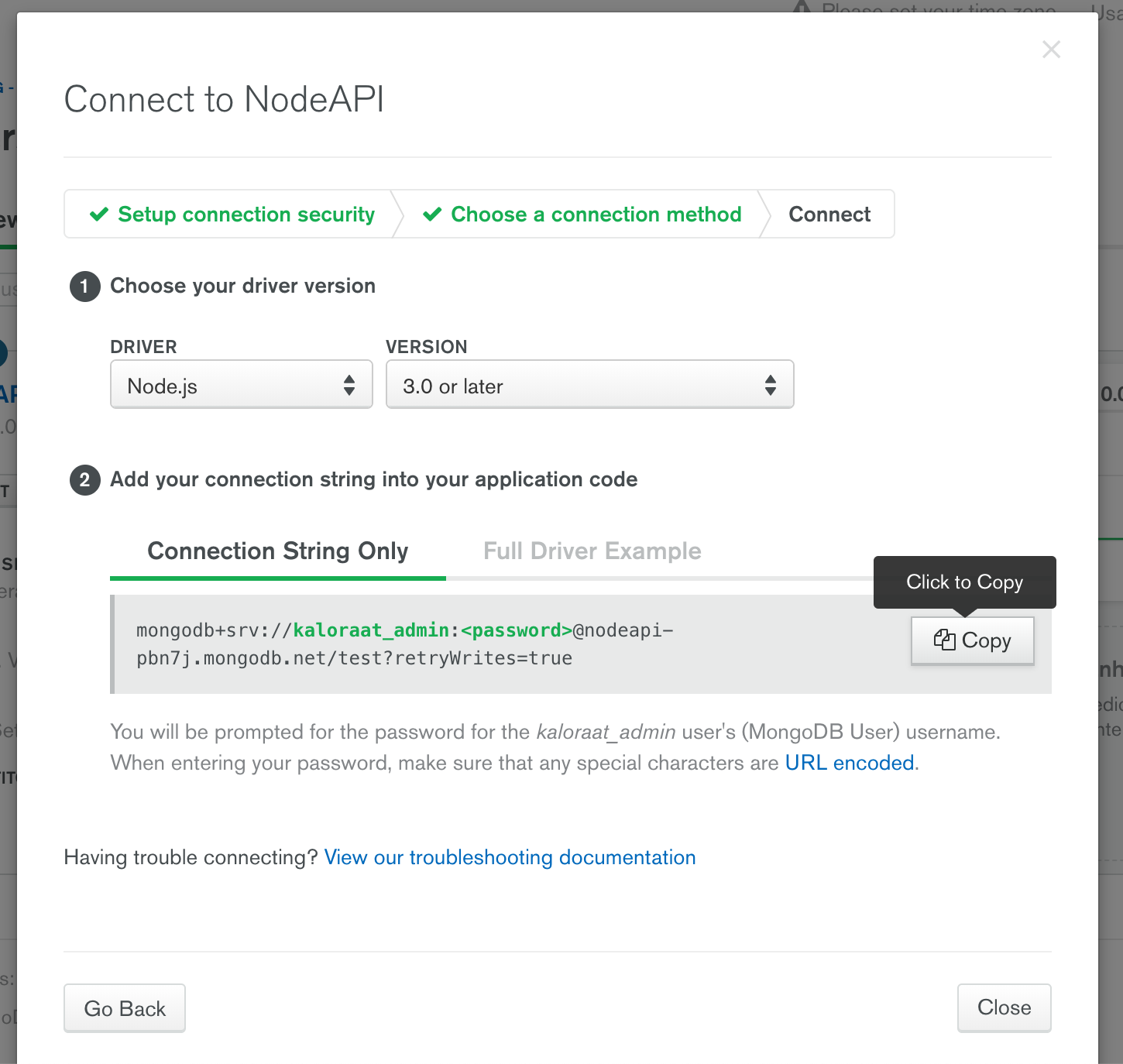


**Pick the second option, Connect Your Application**

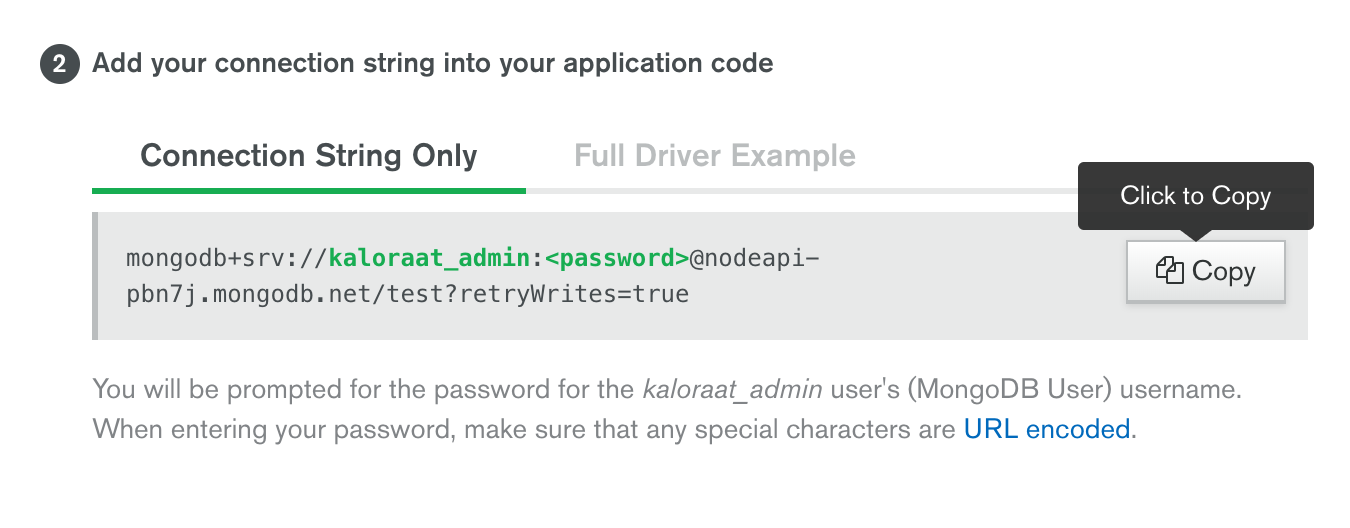
Get a connection string and view driver connection examples



**Then you will see the following window**



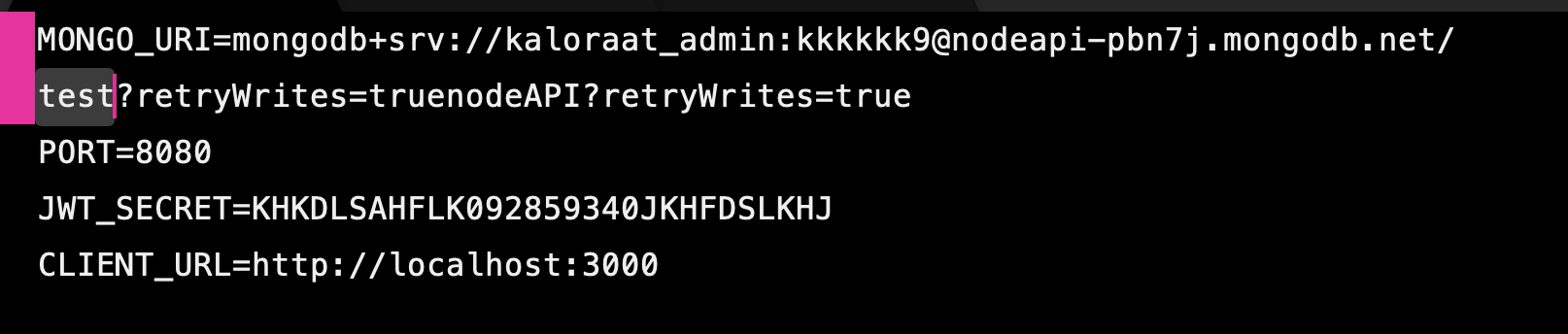
**Click to copy the Connection String.**



You will need to replace the <password> part with the actual password you used earlier to **create a MongoDB User**

Go to your project and create a file with the name .env in the root of the project (this step is explained in the previous lecture). nodeapi/.env and add the **connection string** that you just copied and paste to MONGO\_URI

Update <password> with your actual password. In the following example, you can see my password kkkkkk9



As you can see, MongoDB Atlas gives us default test collection inside our cluster **nodeAPI**.

You can change that to be something else (for example *nodeapi*) like so:

MONGO\_URI=mongodb+srv://kaloraat\_admin:kkkkkk9@nodeapi-pbn7j.mongodb.net/nodeapi?retryWrites=truenodeAPI?retryWrites=true

**Then connect your app with database with the following code in app.js**

These steps are explained in the previous lecture:

Install dotenv package by running the following code  
npm i dotenv

**app.js**

// import mongoose

const mongoose = require('mongoose');

// load env variables

const dotenv = require('dotenv');

dotenv.config()

//db connection

mongoose.connect(

process.env.MONGO\_URI,

{useNewUrlParser: true}

)

.then(() => console.log('DB Connected'))

mongoose.connection.on('error', err => {

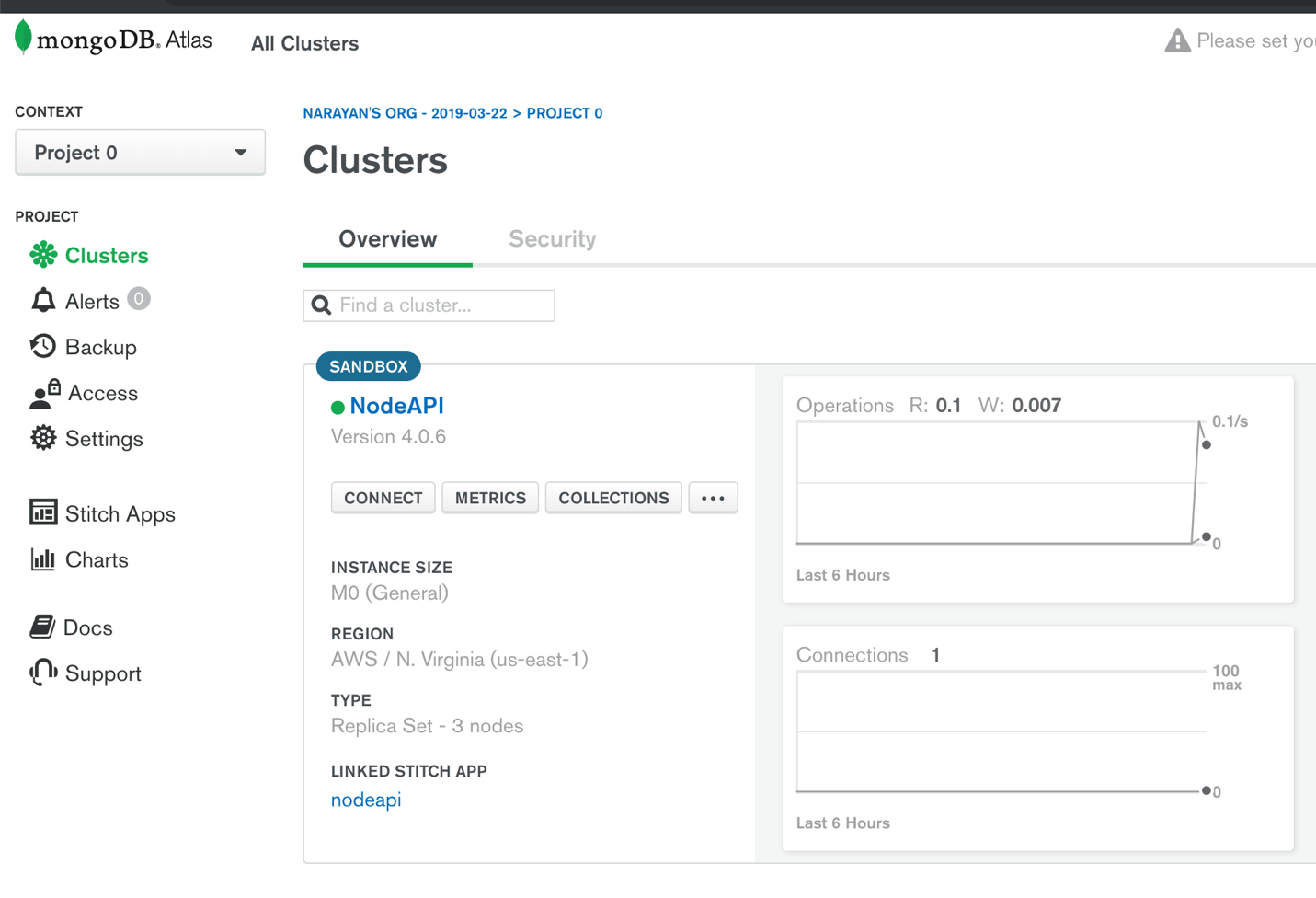
console.log(`DB connection error: ${err.message}`)

});

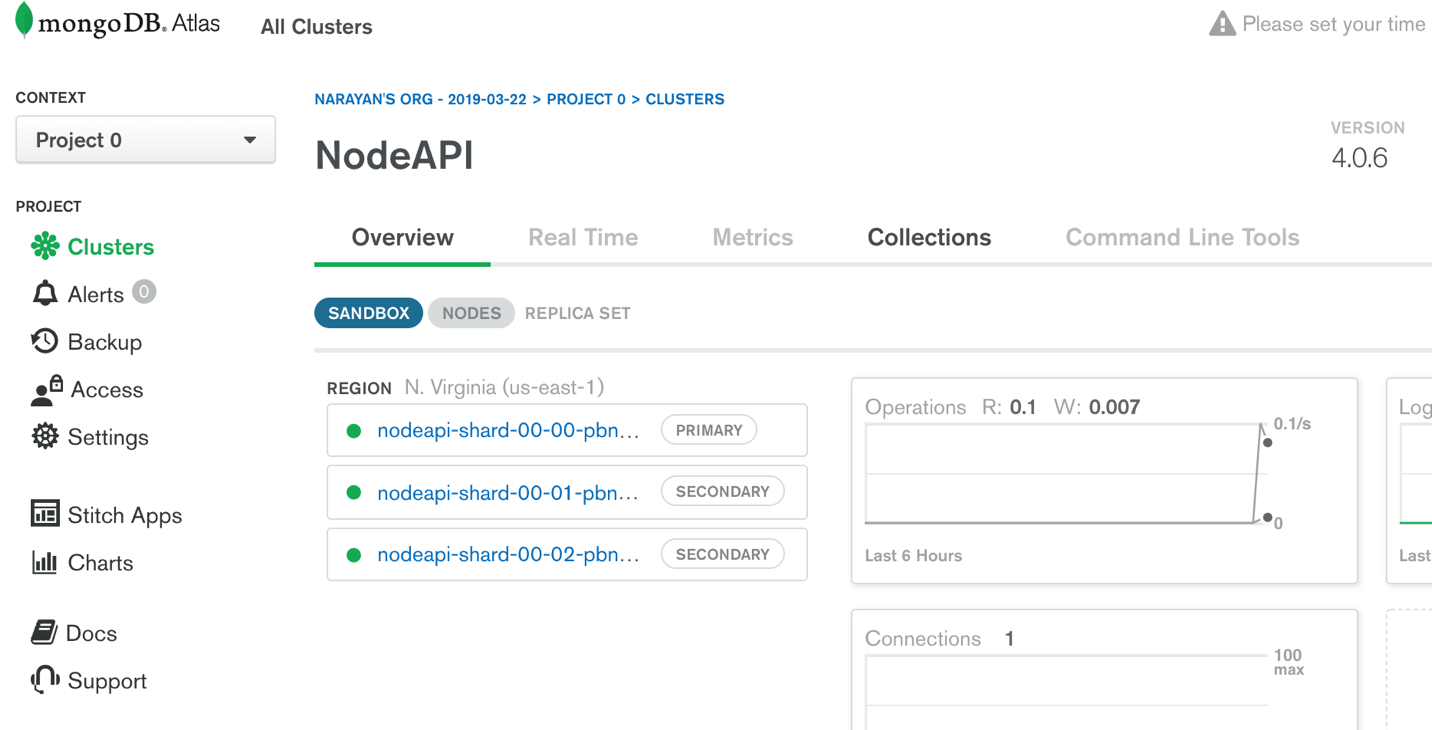
That's all. Now you can use this connection string to use mongodb in the cloud (mongoDB Atlas)

**You can also visually see the data in MongoDB Atlas**

Right below NodeAPI (your cluster name). You have the following buttons. Click on **COLLECTIONS**

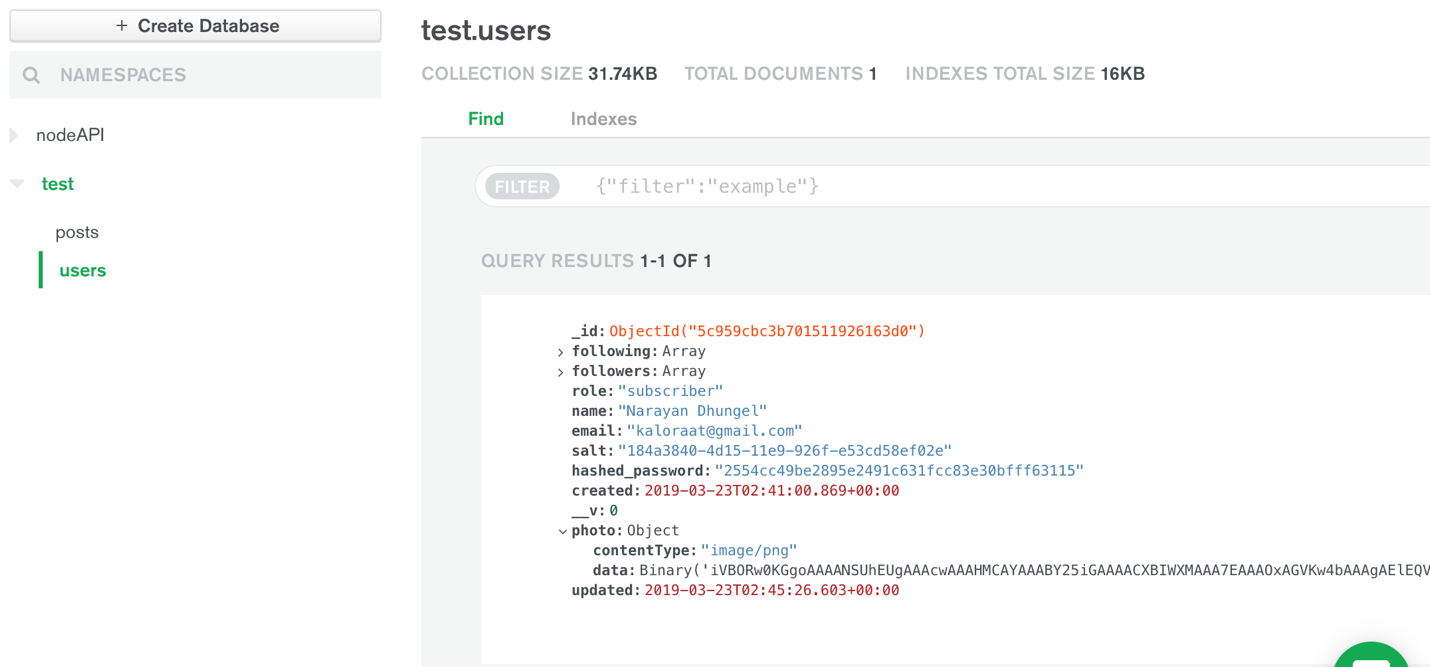


**That will open up the following window: Click on the Collections tab on the top**



You will see the **list of databases**. I tried creating few users and posts using this database using both test and nodeapi. As a result I have two databases. nodeAPI and test.

You may browse through your collection and update data manually.



Thats all. Now you can start using MongoDB Atlas.