

Steps to follow

Hey! Thanks for purchasing the source code. there are a few things you need to do first. If you skip these steps, you won't be able to see the site in action. Let's get started!

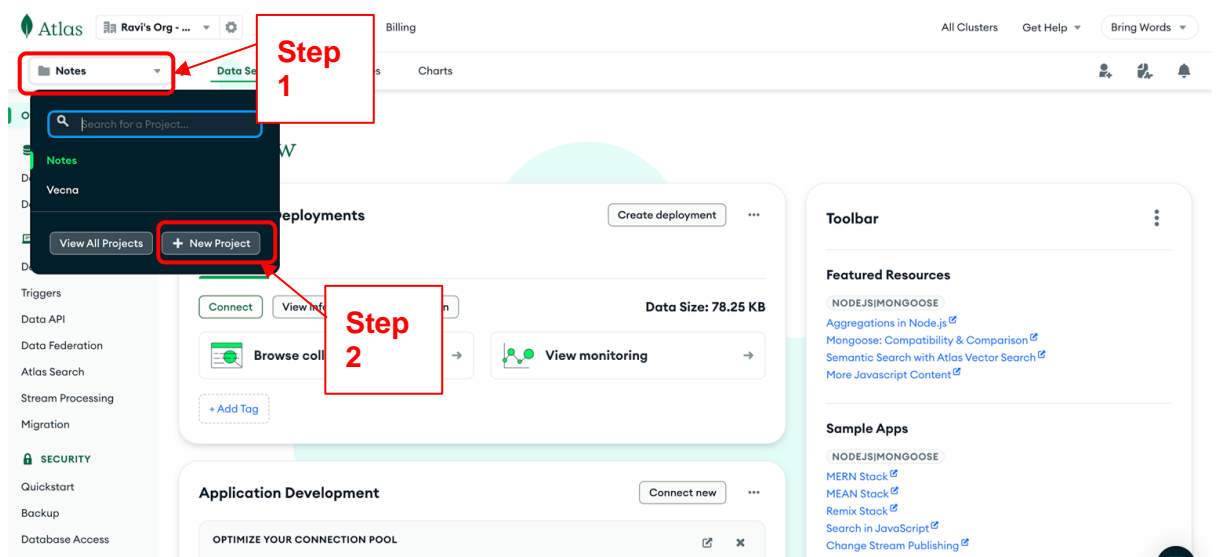
Running the Notes App Project

Backend (Express.js)

1. Navigate to the `backend` folder in your terminal.
2. Run the following command to install the required dependencies:

```
npm install
```

3. Once the dependencies are installed, Let's connect MongoDB
4. Go to <https://www.mongodb.com/>
5. Login or Create an Account
6. Now let's create a project by clicking on the “New Project” button



7. Now, Enter the project name and Click “Next”

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ORGANIZATION

Projects

Alerts Activity Feed Settings Integrations Access Manager Billing Support Live Migration

RAVI'S ORG - 2021-02-04 > PROJECTS

Create a Project

Name Your Project Add Members

Name Your Project

Project names have to be unique within the organization (and other restrictions).

Notes App

Add Tags (Optional)

Use tags to efficiently label and categorize your projects. A project can have a maximum of 50 tags. You can modify tags for the project later. [Learn more](#)

Key	Value	Actions
Select a key or enter your own	Select a value or enter your own	
+ Add tag		
		0 TAGS

Cancel Next

8. Add Member If needed. Then click on “Create Project”

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ORGANIZATION

Projects

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RAVI'S ORG - 2021-02-04 > PROJECTS

Create a Project

✓ Name Your Project Add Members

Add Members and Set Permissions

Invite new or existing users via email address...

Give your members access permissions below.

.com (you) Project Owner

Back Cancel Create Project

Project Member Permissions

- Project Owner**
Has full administration access
- Project Cluster Manager**
Can update clusters
- Project Data Access Admin**
Can access and modify a cluster's data and indexes, and kill operations
- Project Data Access Read/Write**
Can access a cluster's data and indexes, and modify data
- Project Data Access Read Only**
Can access a cluster's data and indexes
- Project Search Index Editor**
Can view and manage a cluster's search indexes
- Project Read Only**
May only modify personal

9. Now click on “Database” side menu and Click on “Build a Database” button

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Notes App Data Services App Services Charts

Overview

RAVI'S ORG - 2021-02-04 > NOTES APP

Database Deployments

Database

Data Lake

SERVICES

Device Sync Triggers Data API Data Federation Atlas Search Stream Processing Migration

SECURITY

Backup Database Access Network Access Advanced

Create a database

Choose your cloud provider, region, and specs.

Build a Database

Once your database is up and running, live migrate an existing MongoDB database into Atlas with our [Live Migration Service](#).

System Status: All Good ©2024 MongoDB, Inc. Status Terms Privacy Atlas Blog Contact Sales

10. Now Select a free tier and give a cluster name

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 \$0.08/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

✔ **Free forever!** Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

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

notesdb

☐ Automate security setup ⓘ
☐ Add sample dataset ⓘ

I'll do this later [Go to Advanced Configuration](#) **Create Deployment**

Step 1 (points to M0 tier)
Step 2 (points to notesdb name)

11. Select a server provider, select a region that's near you, and click on “Create Deployment”

✔ **Free forever!** Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

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

notesdb

☐ Automate security setup ⓘ
☐ Add sample dataset ⓘ

Provider

☒ aws ☐ Google Cloud ☐ Azure

Region

☒ Mumbai (ap-south-1) ★ ⓘ ☐ Low-carbon instances ⓘ

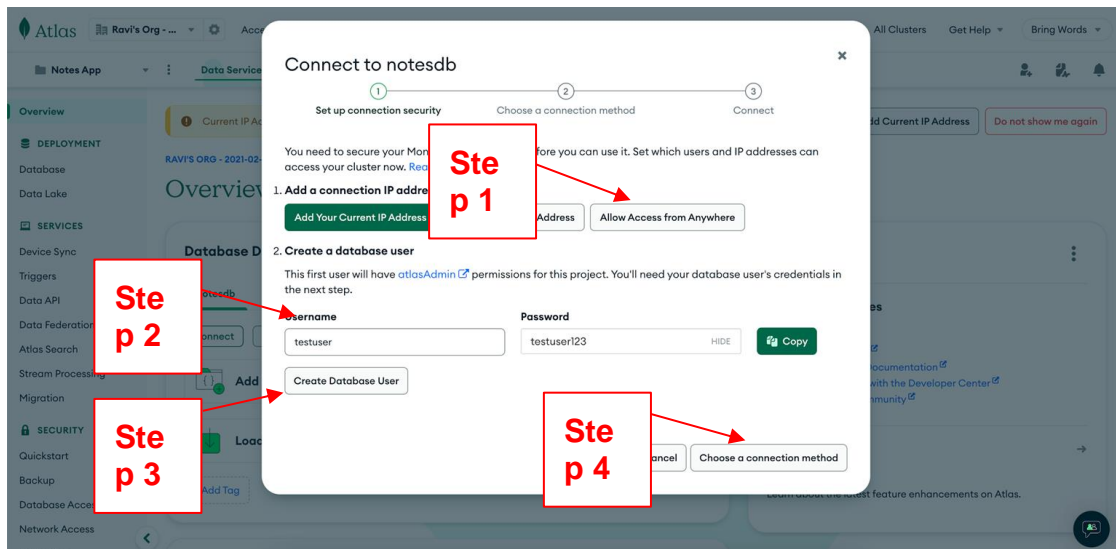
Tag (optional)
Create your first tag to categorize and label your resources; more tags can be added later. [Learn more.](#)

Select or enter key : Select or enter value

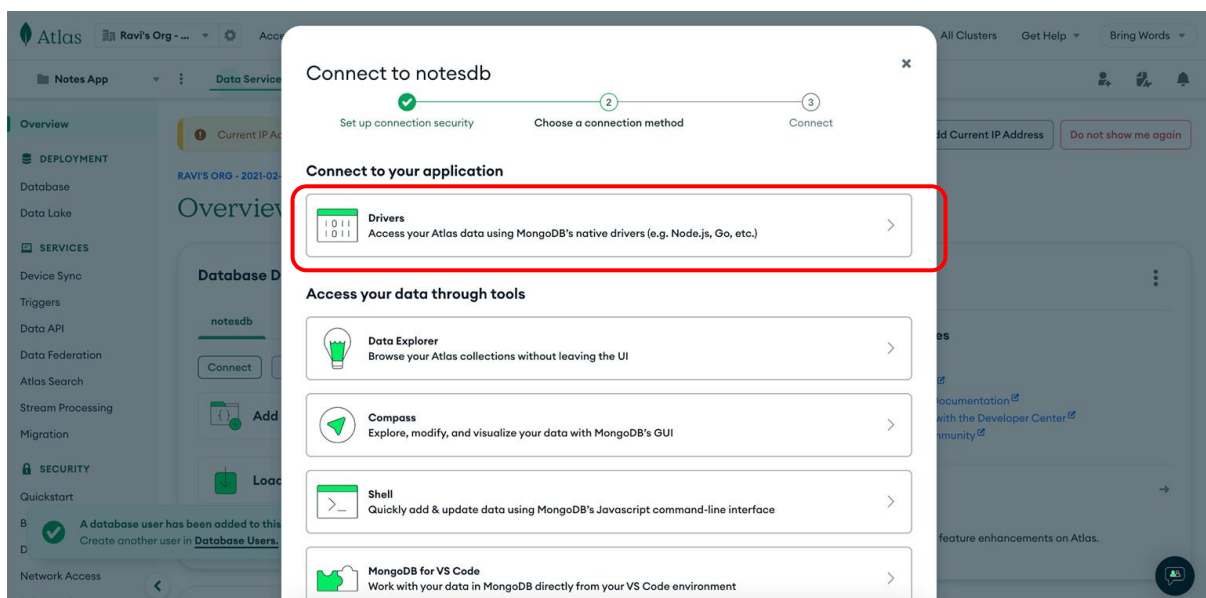
I'll do this later [Go to Advanced Configuration](#) **Create Deployment**

12. Now we will be directed to the connection steps page.

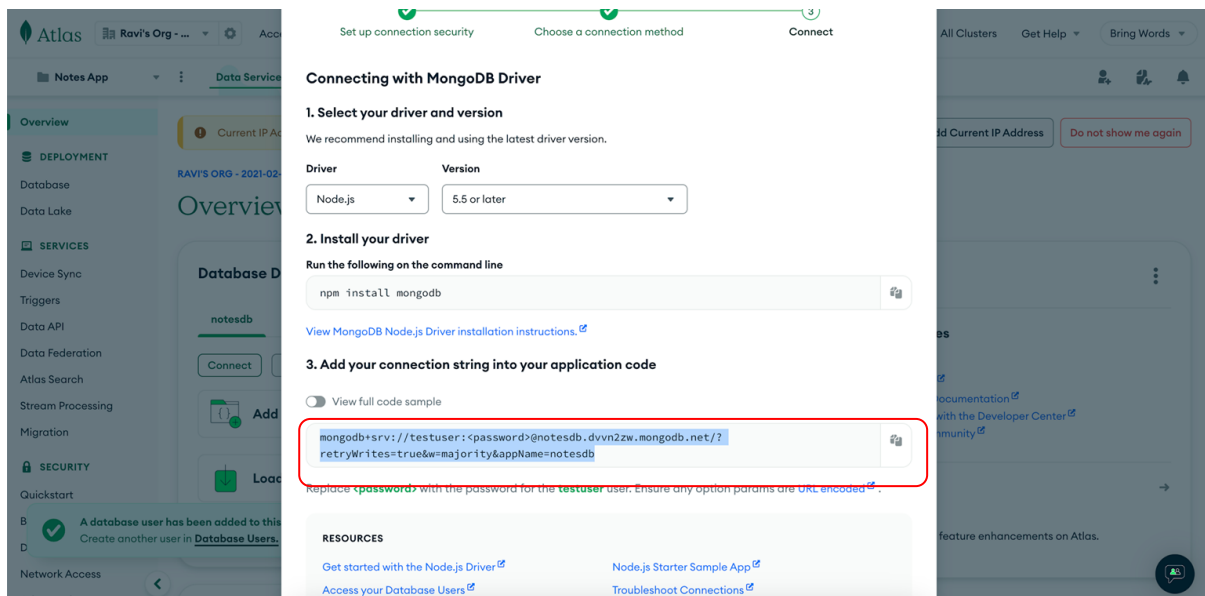
13. Here we need to add a connection IP address. I usually select `Allow Access from Where` option and create a database user. And click on the “Choose a connection method” button



14. In the Next step, Select `Drivers` option to access the atlas database using our Node.js project

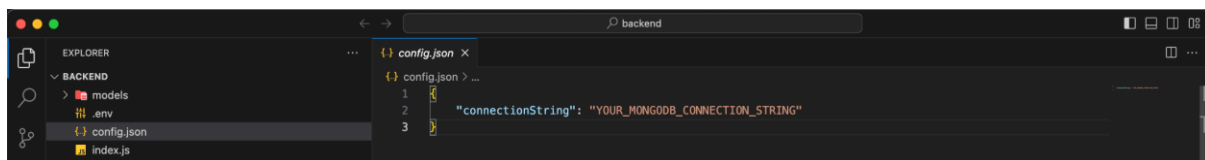


15. Now Copy the connection string

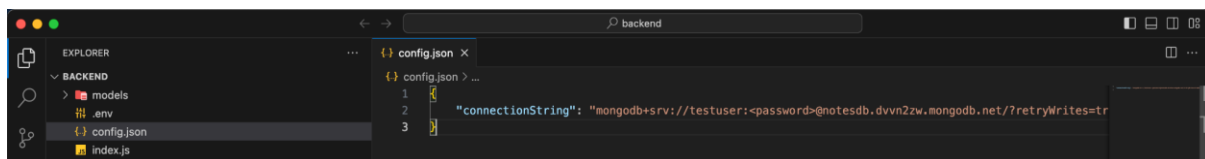


16. Paste the connection string inside `config.json` file:

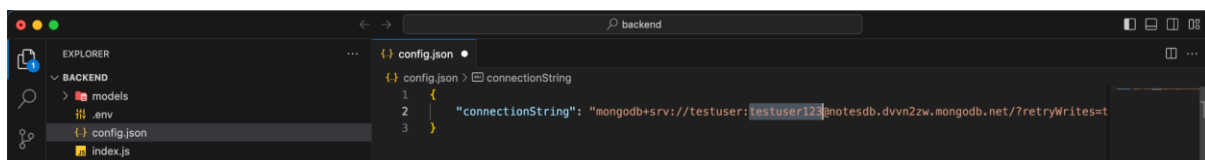
Before:



After:



17. Now replace ``<password>`` in the connection string with the user's password that we have created in Step 13



That's it we are done.

18. Now start the server by running:

```
npm start
```

Frontend (Express.js)

1. Navigate to the `frontend/notes-app` folder.
2. Run the following command to install the required dependencies:

```
npm install
```

3. After the installation is complete, start the React development server by running:

```
npm run dev
```

This will start the frontend server and open the app in your default web browser.