

<https://www.mongodb.com/atlas/database>

signup with google

Waiting for account.mongodb.com...

MongoDB.

Accept Privacy Policy & Terms of Service

Please acknowledge the following terms and conditions to finish creating your account.

☒ I accept the [Privacy Policy](#) and the [Terms of Service](#)


Cancel Signup Submit

12:20 PM
21-Oct-23

tally/student copy GO x | gowthamanniit/node_ x | node_js/mongodbclo. x | Atlas Onboarding | Cl x

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/setup/personalization

Q ↗ ☆ □ G ⋮



Welcome to Atlas. Let's build something great.

Help us tailor your experience by taking a minute to answer the questions below.

GETTING TO KNOW YOU

What is your primary goal?

Learn MongoDB

How long have you been developing software with MongoDB?

Less than a year

GETTING TO KNOW YOUR PROJECT

What programming language are you primarily building on MongoDB with?

JavaScript / Node.js

What kind(s) of data will your project use?

You can choose as many as you want

Other study purpose

Please specify the types of data. [Optional]


Input text

Will your application include any of the following architectural models?

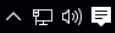
You can choose as many as you want

Not at all

Search the web and Windows



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21-Oct-23



tally/student copy GO x | gowthamanniit/node_ x | node_js/mongodbclo. x | Deploy your database x

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/clusters/starterTemplates

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/clusters/starterTemplates

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

\$0.08/hour

For production applications with sophisticated workload requirements.

STORAGE

10 GB

RAM

2 GB

vCPU

2 vCPUs

SERVERLESS

\$0.10/1M reads

For application development and testing, or workloads with variable traffic.

STORAGE

Up to 1 TB

RAM

Auto-scale

vCPU

Auto-scale

M0

FREE

For learning and exploring MongoDB in a cloud environment.

STORAGE

512 MB

RAM

Shared

vCPU

Shared

Provider

aws

Google Cloud

Azure

\$0.08/hour

Create

Pay-as-you-go: You will be billed hourly and can terminate your cluster anytime. Excludes variable [data transfer](#), [backup](#), and taxes.

[I'll deploy my database later](#)


[Access Advanced Configuration](#)

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tally/student copy GO x | gowthamanniit/node_ x | node_js/mongodbclo. x | Deploy your database x

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/clusters/starterTemplates

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/clusters/starterTemplates

 MongoDB.

Deploy your database

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M10

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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 1 TB	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

FREE

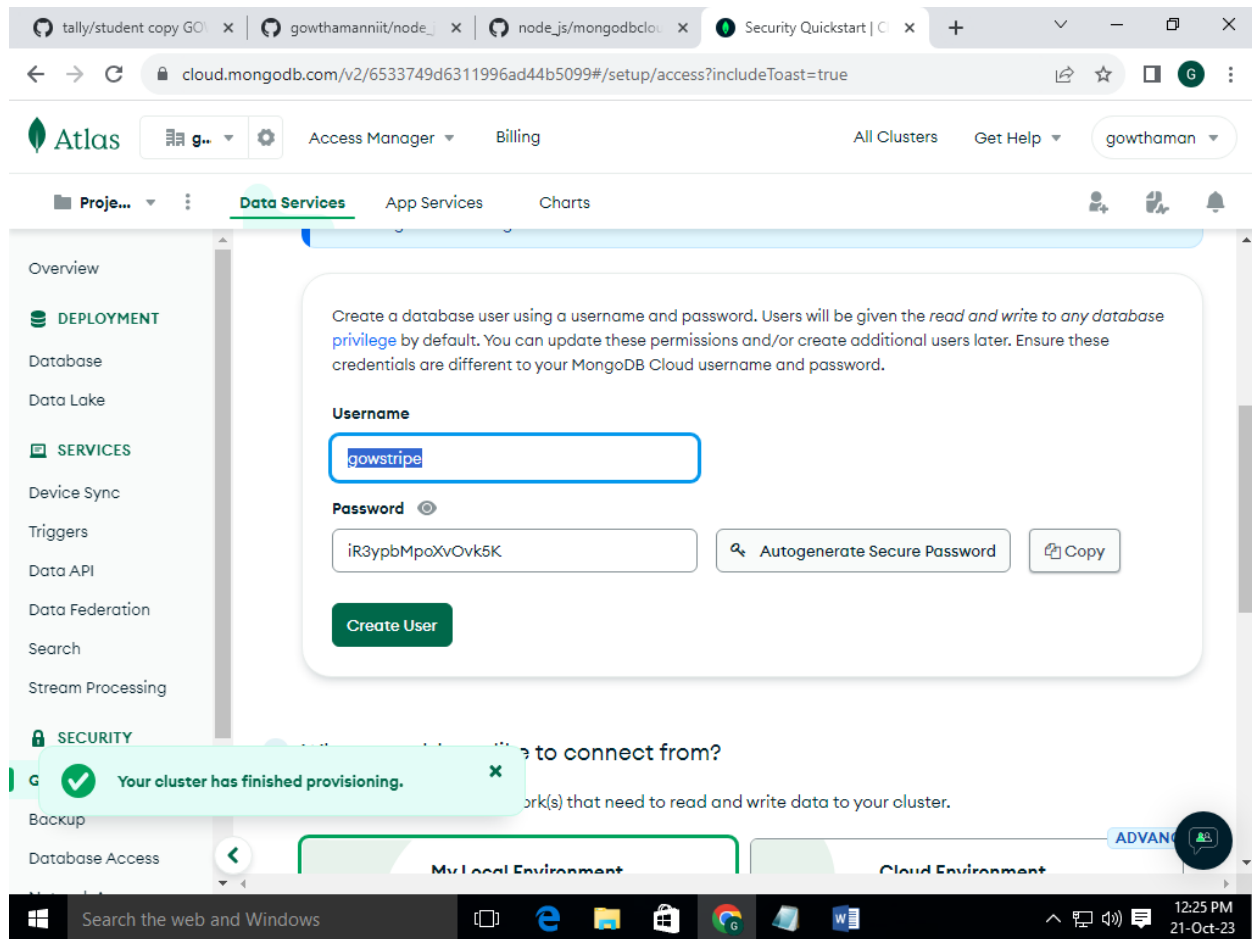
Create

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](#)

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gowstripe (username)

iR3ypbMpoXvOvk5K (password)

Security Quickstart | C

node_js/mongodbclo

gowthamniit/node_

tally/student copy GO

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/setup/access?includeToast=true

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credentials are different to your MongoDB Cloud username and password. You can manage existing users via the [Database Access Page](#).

Username

Enter username

Password

Enter password

Autogenerate Secure Password

Copy

Create User

Username	Authentication Type	
gowstripe	Password	<div>EDIT</div> <div>REMOVE</div>

✓ Your cluster has finished provisioning.

to connect from?

Enable access for any network(s) that need to read and write data to your cluster.

Search the web and Windows

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Security Quickstart | C

node_js/mongodbclo

gowthamanniit/node_

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Username	Authentication Type	
gowstripe	Password	<div>EDIT</div> <div>REMOVE</div>

Where would you like to connect from?

Enable access for any network(s) that need to read and write data to your cluster.

My Local Environment

Use this to add network IP addresses to the IP Access List. This can be modified at any time.

Cloud Environment

Use this to configure network access between Atlas and your cloud or on-premise environment. Specifically, set up IP Access Lists, Network Peering, and Private Endpoints.

We added your current IP address. You can connect to your cluster locally from this device.

Your cluster has finished provisioning.

with any of the following options

Only an IP address you add to your Access List will be able to connect to your project's clusters. You can manage existing IP entries via the [Network Access Page](#).

Search the web and Windows

e

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Security Quickstart | C

node_js/mongodbclo

gowthamanniit/node_

tally/student copy GO

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/setup/access?includeToast=true

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We added your current IP address. You can connect to your cluster locally from this device.

Set your network security with any of the following options

Only an IP address you add to your Access List will be able to connect to your project's clusters. You can manage existing IP entries via the [Network Access Page](#).

IP Address	Description
<input type="text" value="0.0.0.0"/>	<input type="text" value="Enter description"/>

Add Entry

Add My Current IP Address

Your cluster has finished provisioning.

49.37.209.215/32

My IP Address

EDIT

REMOVE

Search the web and Windows

e

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Only an IP address you add to your Access List will be able to connect to your project's clusters. You can manage existing IP entries via the [Network Access Page](#).

IP Address

Description

Enter IP Address

Enter description

Add My Current IP Address

Add Entry

IP Access List	Description	
49.37.209.215/32	My IP Address	<div>EDIT</div> <div>REMOVE</div>
0.0.0.0/0		<div>EDIT</div> <div>REMOVE</div>

VPC Peering

Private Endpoint

Your cluster has finished provisioning.

Search the web and Windows

e

G

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cloud.mongodb.com/v2/6533749d6311996ad44b5099#/setup/access?includeToast=true

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VPC Peering

Peer your VPC with your Atlas cluster to connect your VPC to the public internet. Requires an M10 cluster or higher.

Make edits to update

Configure in New Tab

Private Endpoint

Use your Private Endpoint to create a one-way connection from your VPC to your MongoDB Atlas VPC, ensuring Atlas cannot initiate connections back to your network. Requires an M10 cluster or higher.

Configure in New Tab

Finish and Close

Your cluster has finished provisioning.

Privacy

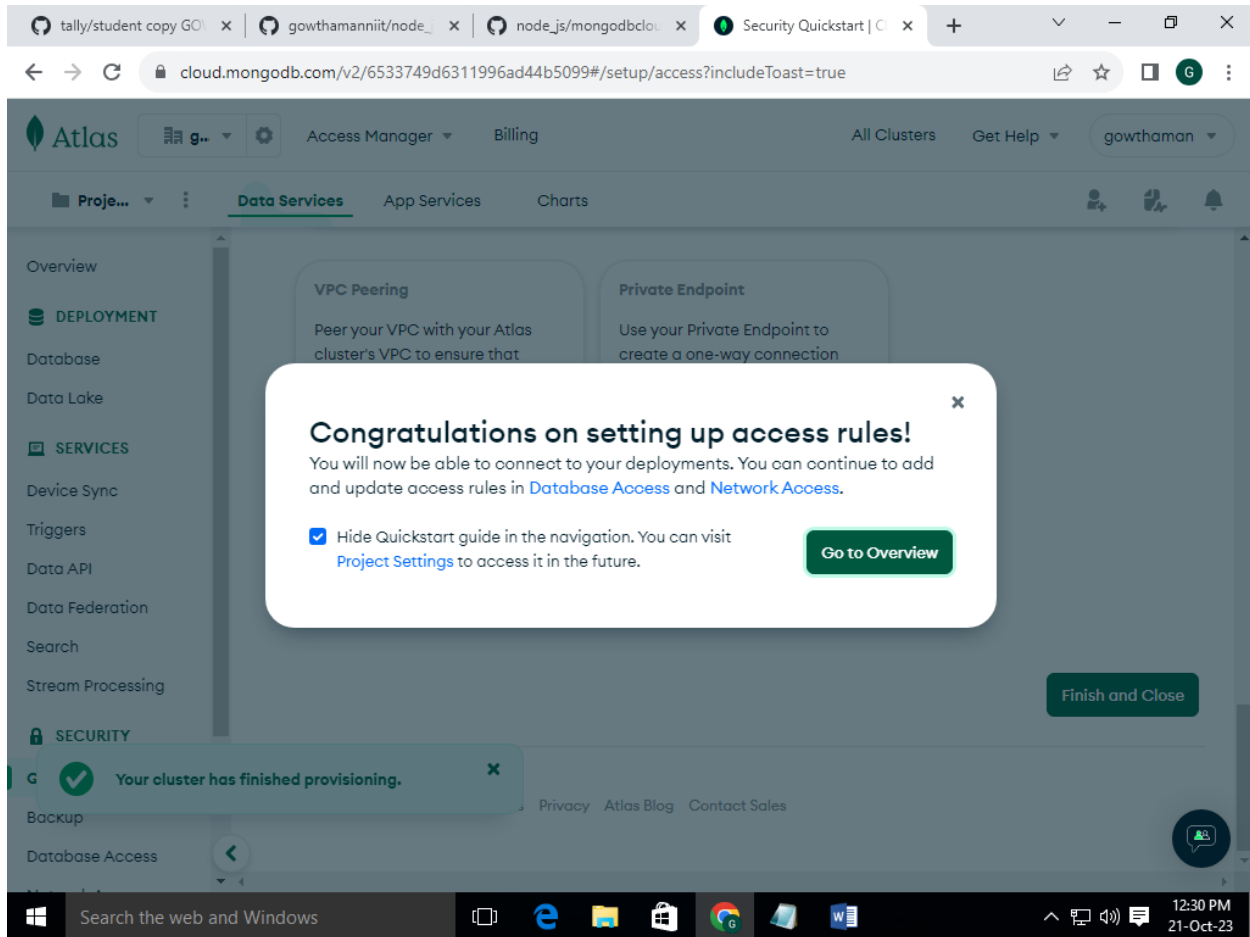
Atlas Blog

Contact Sales

Search the web and Windows

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GOWTHAMAN'S ORG - 2023-10-21 > PROJECT 0

Database Deployments

Find a database deployment...

Edit Config

Create

Load sample datasets to Cluster0.

Atlas provides sample data you can load into your Atlas clusters. You can use this data to quickly get started exploring with data in MongoDB.

Load sample dataset

Dismiss

Cluster0

Connect

View Monitoring

Browse Collections

Visualize Your Data

Build dashboards and charts, and embed them in your apps with MongoDB Charts.

Dismiss

Explore Charts

R 0

W 0

Last 55 seconds

100.0/s

Connections 0

Last 6 minutes

100.0

In 0.0 B/s

Out 0.0 B/s

Last 55 seconds

100.0 B/s

Search the web and Windows

e

G

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Atlas

g..

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GOWTHAMAN'S ORG - 2023-10-21 > PROJECT 0

Database Deployments

Find a database deployment...

Edit Config

Create

Load sample datasets to Cluster0.

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Load sample dataset

Dismiss

Cluster0

Connect

View Monitoring

Browse Collections

Visualize Your Data

Build dashboards and charts, and embed them in your apps with MongoDB Charts.

Dismiss

Explore Charts

R 0

W 0

Last 2 minutes

100.0/s

Connections 0

Last 7 minutes

100.0

In 0.0 B/s

Out 0.0 B/s

Last 2 minutes

100.0 B/s

Search the web and Windows

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VISUALIZE YOUR DATA

REFRESH

Explore Your Data

- Find: run queries and interact with documents

- Indexes: build and manage indexes

- Aggregation: test aggregation pipelines

- Search: build search indexes

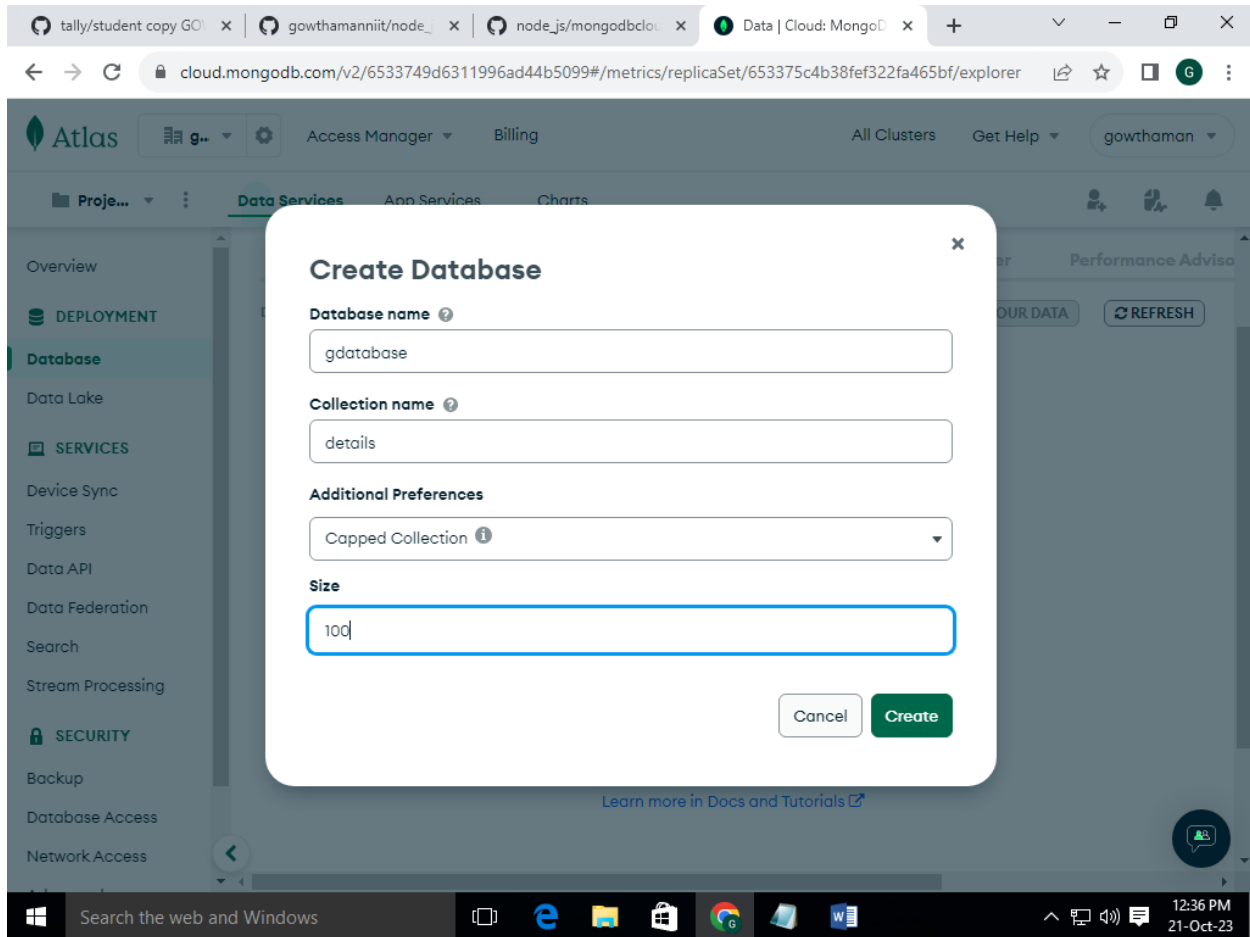
Load a Sample Dataset

Add My Own Data

[Learn more in Docs and Tutorials](#)

12:32 PM

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The screenshot shows the MongoDB Atlas web interface. The top navigation bar includes the Atlas logo, a menu icon, and links for Access Manager, Billing, All Clusters, Get Help, and a user profile dropdown. The main header shows the project name 'GOWTHAMAN'S ORG - 2023-10-21' and the cluster name 'Cluster0'. The left sidebar contains navigation links for Overview, Deployment, Database (selected), Data Lake, Services, Device Sync, Triggers, Data API, Data Federation, Search, Stream Processing, Security, Backup, Database Access, and Network Access. The main content area displays the 'Cluster0' details page. The 'Database' tab is selected, showing 'gdatabase' with 1 database and 1 collection. The 'Collections' tab is also visible, showing 'gdatabase.details' with 4KB storage size and 0 documents. The 'Find' button is highlighted in green. The bottom status bar shows the URL and the time 12:36 PM on 21-Oct-23.

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/metrics/replicaSet/653375c4b38fef322fa465bf/explorer...

Atlas

Access Manager Billing All Clusters Get Help gowthaman

Project Data Services App Services Charts

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Insert Document

To Collection details

VIEW {}

1	_id: 653378e2f2fc5acdeab2801c	ObjectId
2	rno: "1001"	String
3	sname: "meenachi"	String
4	mark: "100"	String

Add field

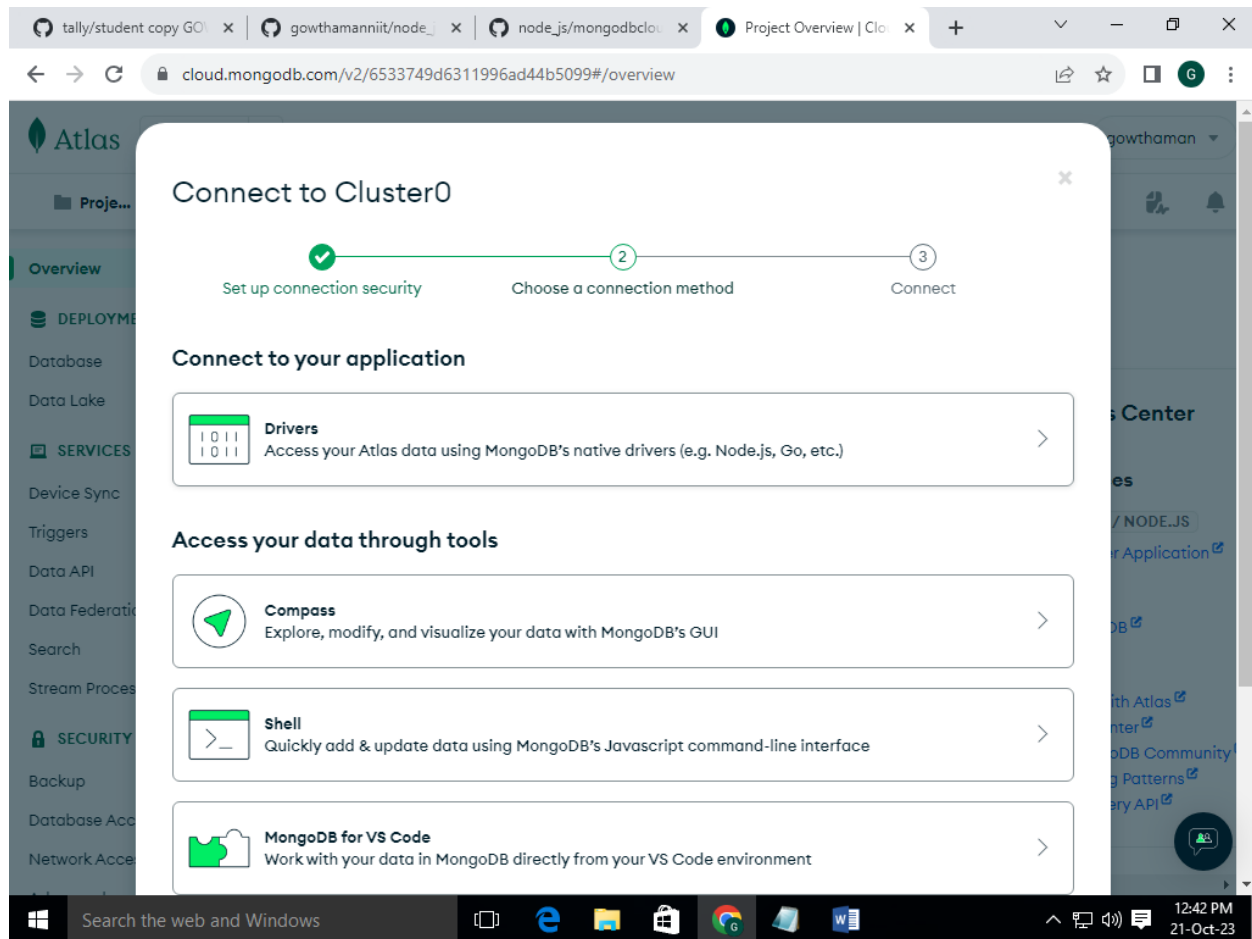
Cancel Insert

QUERY RESULTS: 0

12:40 PM 21-Oct-23

How to take sample code?

Dataservices click → connect



Drivers click

Atlas

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cloud.mongodb.com/v2/6533749d6311996ad44b5099#/overview

Project Overview | Cluster0

Connect to Cluster0

1

Set up connection security

2

Choose a connection method

3

Connect

Connecting with MongoDB Driver

1. Select your driver and version

We recommend installing and using the latest driver version.

Driver

Version

Node.js

5.5 or later

2. Install your driver

Run the following on the command line

npm install mongodb

[View MongoDB Node.js Driver installation instructions.](#)

3. Add your connection string into your application code

View full code sample

Search the web and Windows

12:44 PM

21-Oct-23

cloud.mongodb.com/v2/6533749d6311996ad44b5099#/overview

Atlas

3. Add your connection string into your application code

☒ View full code sample

```
const { MongoClient, ServerApiVersion } = require('mongodb');
const uri = "mongodb+srv://gowstripe:<password>@cluster0.sg5jozo.mongodb.net/?retryWrite

// Create a MongoClient with a MongoClientOptions object to set the Stable API version
const client = new MongoClient(uri, {
  serverApi: {
    version: ServerApiVersion.v1,
    strict: true,
    deprecationErrors: true,
  }
});

async function run() {
  try {
    // Connect the client to the server (optional starting in v4.7)
    await client.connect();
    // Send a ping to confirm a successful connection
    await client.db("admin").command({ ping: 1 });
    console.log("Pinged your deployment. You successfully connected to MongoDB!");
  } finally {
    // Ensures that the client will close when you finish/error
    await client.close();
  }
}
run().catch(console.dir);
```

Search the web and Windows

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```

const { MongoClient, ServerApiVersion } = require('mongodb');

const uri =
"mongodb+srv://gowstripe:iR3ypbMpoXvOvk5K@cluster0.sg5jozo.mongodb.net/?retryWrites=true&w=
majority";

const client = new MongoClient(uri, { useNewUrlParser: true, useUnifiedTopology: true, serverApi:
ServerApiVersion.v1 });

client.connect(err => {

  const collection = client.db("gdatabase").collection("details");

  // perform actions on the collection object

  collection.insertOne({rno:1002,sname:"vimalan",mark:91}).then((res)=>{

    console.log("success")

  }).catch((err)=>{

    console.log("error type something")

    console.log(err)

  })

  // client.close();

});

```

step 1:

project -->+ new project(top left second line)

step 2:

project name --> project3 -->

email: gowthaman@niit-karur.com

project owner (don't change)

create project

step 3:

database deployment

buid database

m0 free (3rd one)

create

step 4:

username: change

password: don't change

gowthaman99

vuYVEJqsqyoeiJbP

create user

step 5:

choose cloud environment

ip address: 0.0.0.0

add entry button click

finish and close

goto database

browse collection

add my own data

database name:

collection name:

insert document (sample one row)

how to take sample code?

dataservices --> connect --> connect your application

-->driver : node ,java,php,

-->tick include:

-->copy code