

Digital by the farmers, for the farmers, to the farmers.

INSTRUCTIONS TO BUILD WEBSITES FOR FARMERS AND BUSINESS FOR SAFE TRANSACTION.

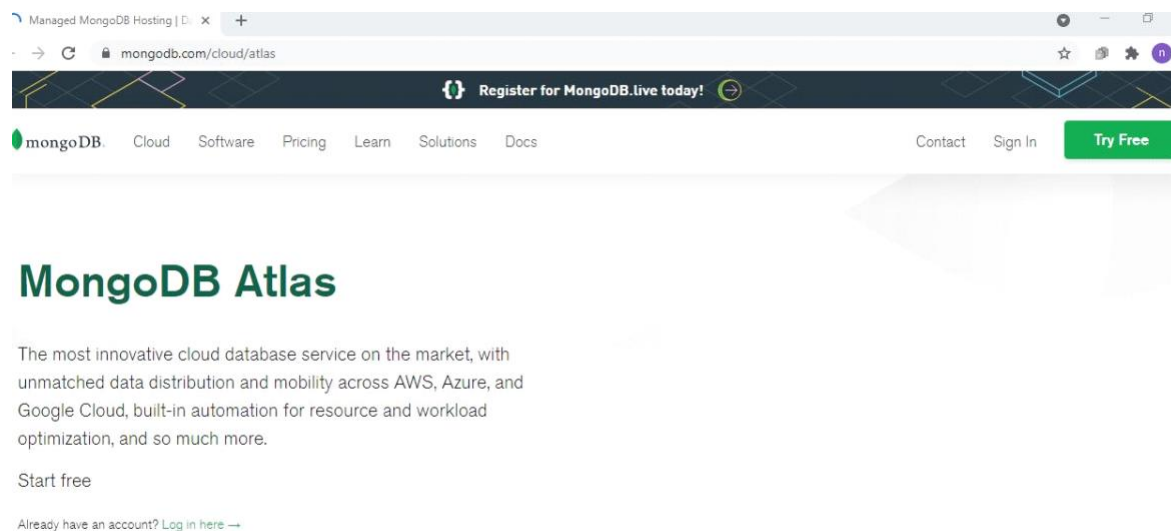
We are immensely indebted to the service of farmers. We thank members of FPOs, FIGs for promoting agriculture business and fulfilling essential supplies during the pandemic. We request you to kindly desist 3% royalty to FPOs from FIGs in Tamil Nadu as these are no less than of imperial customs and further debilitates farmers.

Finally to the app creation, please check my GitHub repo

<https://github.com/Nishanthkumarchandrasekaran/farmer-store> and deploy the app with our own data base to service your local communities safely.

SETUP MONGODB

Step 1 : Please visit MongoDB website, select 'Try Free' button, fill in your details and sign up using Google account in next steps. <https://mongodb.com/cloud/atlas>



Digital by the farmers, for the farmers, to the farmers.

Step 2 : Once you are in the landing page, choose your preferred language possibly javascript in this case.

cloud.mongodb.com/v2/60a51f23ef1e6569360409db#clusters/pathSelector












We're committed to supporting developers in our community through COVID-19. [Learn More](#)

Nishanth Kumar's Org - 2021-05-19

Project Name
Use projects to isolate different environments (development/testing/production)

Project 0

What is your preferred language?
We'll use this to customize code samples and content we share with you. You can always change this later.

 JavaScript	 C++	 C# / .NET	 Go
 Java	 C	 Perl	 PHP
 Python	 Ruby	 Scala	Other

[Skip](#) [Continue](#)

Digital by the farmers, for the farmers, to the farmers.

Step 3 : Choose shared clusters – free option.

We're committed to supporting developers in our community through COVID-19. [Learn More](#)

Dedicated Multi-Cloud & Multi-Region Clusters

For teams developing world-class applications that require multi-region resiliency or ultra-low latency.

- ✓ Includes all features from Shared and Dedicated Clusters
- ✓ Replicate data across clouds and regions
- ✓ Globally distributed read and write operations
- ✓ Control data residency at the document level

Create a cluster

Starting at
\$0.13/hr*
*estimated cost \$98.55/month

Dedicated Clusters

For teams building applications that need advanced development and production-ready environments.

- ✓ Includes all features from Shared Clusters
- ✓ Auto-scaling
- ✓ Network isolation
- ✓ Realtime performance metrics

Create a cluster

Starting at
\$0.08/hr*
*estimated cost \$56.94/month

Shared Clusters

For teams learning MongoDB or developing small applications.

- ✓ Highly available auto-healing cluster
- ✓ End-to-end encryption
- ✓ Role-based access control

Create a cluster


Starting at
FREE


Digital by the farmers, for the farmers, to the farmers.


Step 4 : Choose a US location as app will be hosted in US data centers and Click create cluster button.


> cloud.mongodb.com/v2/60a51f23ef1e6569360409db#clusters/edit?filter=starter


We're committed to supporting developers in our community through COVID-19. [Learn More](#)


 Singapore (ap-southeast-1) ★

 Ireland (eu-west-1) ★


 N. Virginia (us-east-1) ★

 Mumbai (ap-south-1)

 Frankfurt (eu-central-1) ★

 Oregon (us-west-2) ★

AUSTRALIA

 Sydney (ap-southeast-2) ★

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage) >
Encrypted

Additional Settings

MongoDB 4.4, No Backup >

Cluster Name

Cluster0 >

ms

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

[Back](#) [Create Cluster](#)

Digital by the farmers, for the farmers, to the farmers.

Step 5 : Cluster creation will take some time and once it is created, click on Connect button in the sand box.

We are deploying your changes

NISHANTH KUMAR'S ORG - 2021-05-19 > PROJECT 0

Clusters

Create a New Cluster

Find a cluster...

SANDBOX

Cluster0

Version 4.4.6

CONNECTMETRICSCOLLECTIONS...

CLUSTER TIER

M0 Sandbox (General)

REGION

AWS / N. Virginia (us-east-1)

TYPE


Replica Set - 3 nodes

LINKED REALM APP


Loading data.

Your cluster is being created..

New clusters take between

 MongoDB


Hi Nishanth! Congrats on launching your sandbox cluster! 🎉 I'm here to make sure you...



Digital by the farmers, for the farmers, to the farmers.

Step 6 : Please choose any where or key in values as in screenshot for 1. Add a connection IP address, please choose a username and password for 2.create a database user and remember them.

Setup connection security > Choose a connection method > Connect


You need to secure your MongoDB Atlas cluster before you can use it. Set which users and IP addresses can access your cluster now. [Read more](#) 

You can't connect yet. Set up your firewall access and user security permission below.

1 Add a connection IP address

IP Address	Description (Optional)
<input type="text" value="0.0.0.0/0"/>	<input type="text" value="An optional comment describing this entry"/>
<div>Cancel Add IP Address</div>	

2 Create a Database User

This first user will have [atlasAdmin](#)  permissions for this project.

Keep your credentials handy, you'll need them for the next step.

Username	Password	<input type="button" value="Autogenerate Secure Password"/>
<input type="text" value="admin"/>	<input type="password" value="....."/>	<input type="button" value="SHOW"/>
<div>Create Database User</div>		

Digital by the farmers, for the farmers, to the farmers.

Step 7 : Please choose Connect your application and click Next.

✖ Setup connection security


Choose a connection method

Connect

You can't connect yet. Set up your firewall access in the first step.


Choose a connection method [View documentation](#)

Get your pre-formatted connection string by selecting your tool below.




Connect with the mongo shell
Interact with your cluster using MongoDB's interactive Javascript interface

>



Connect your application
Connect your application to your cluster using MongoDB's native drivers

>



Connect using MongoDB Compass
Explore, modify, and visualize your data with MongoDB's GUI

>

Go Back

Close

Digital by the farmers, for the farmers, to the farmers.

Step 8 : Please select Driver as Node.js and version as 3.6 or later. Copy the string in the second point and replace <password> with your passcode.

✖ Setup connection security

✔ Choose a connection method

Connect

You can't connect yet. Set up your firewall access in the first step.

1

Select your driver and version

DRIVER

Node.js

VERSION

3.6 or later

2

Add your connection string into your application code

☐ Include full driver code example

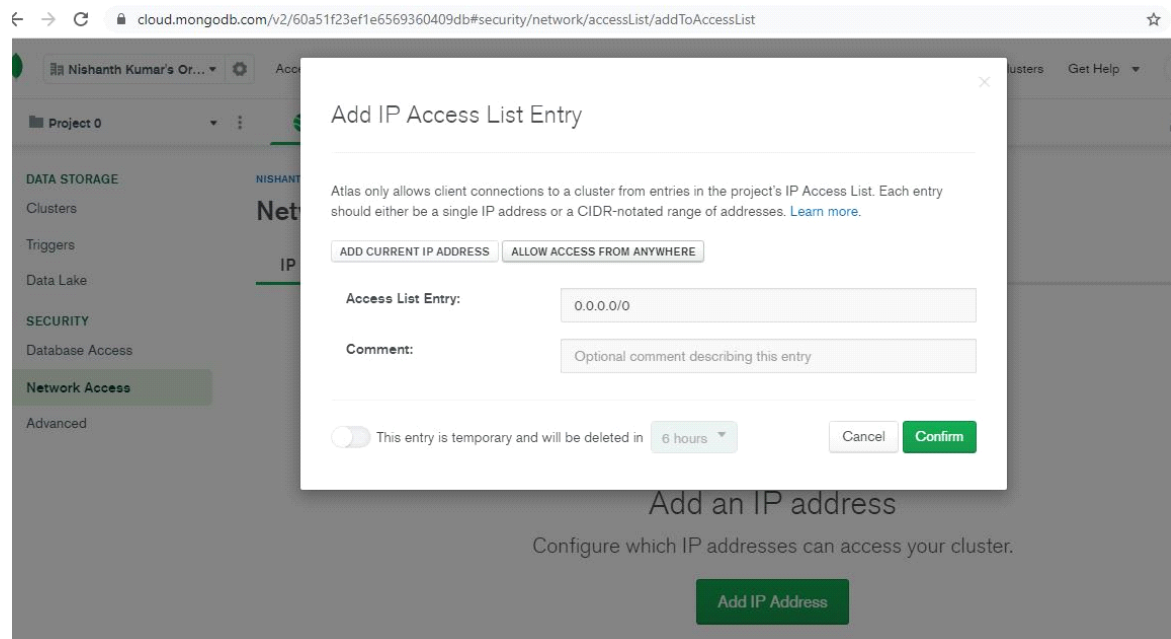
mongodb+srv://admin:<password>@cluster0.npzck.mongodb.net/myFirstDatabase?
retryWrites=true&w=majority

Replace **<password>** with the password for the **admin** user. Replace **myFirstDatabase** with the name of the database that connections will use by default. Ensure any option params are [URL encoded](#).

Having trouble connecting? [View our troubleshooting documentation](#)

Digital by the farmers, for the farmers, to the farmers.

Step 9 : Choose Network access tab and in the pop up select Allow access from anywhere and you are done with mongoDB.

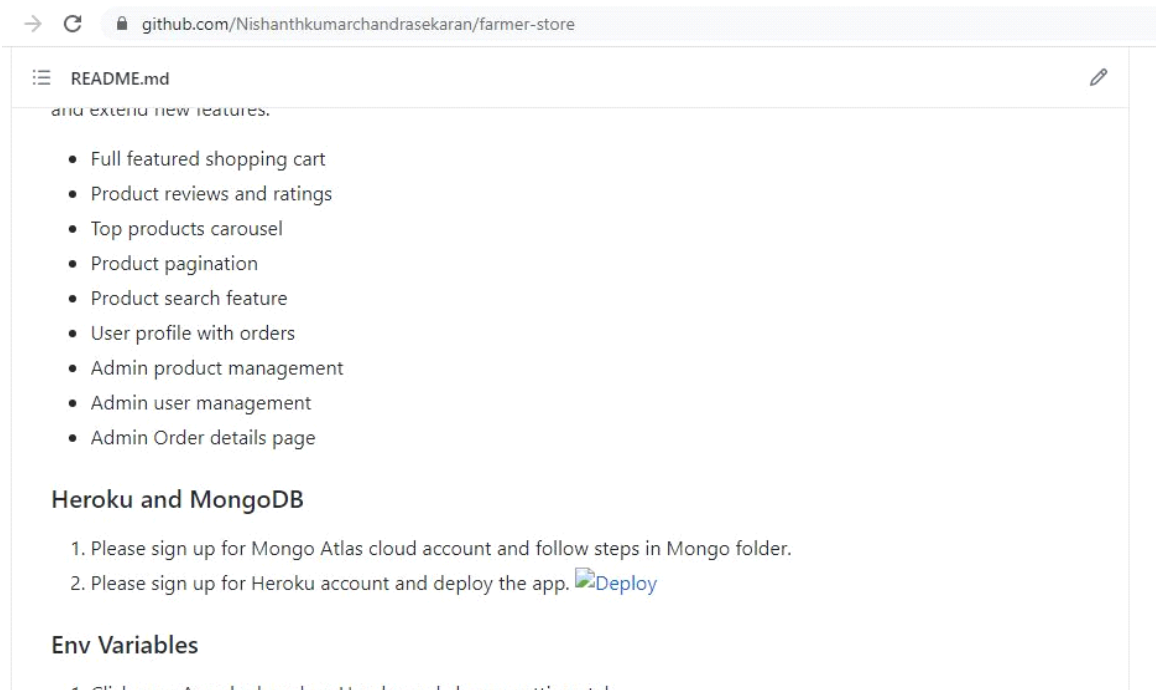


Digital by the farmers, for the farmers, to the farmers.

DEPLOYING HEROKU APP

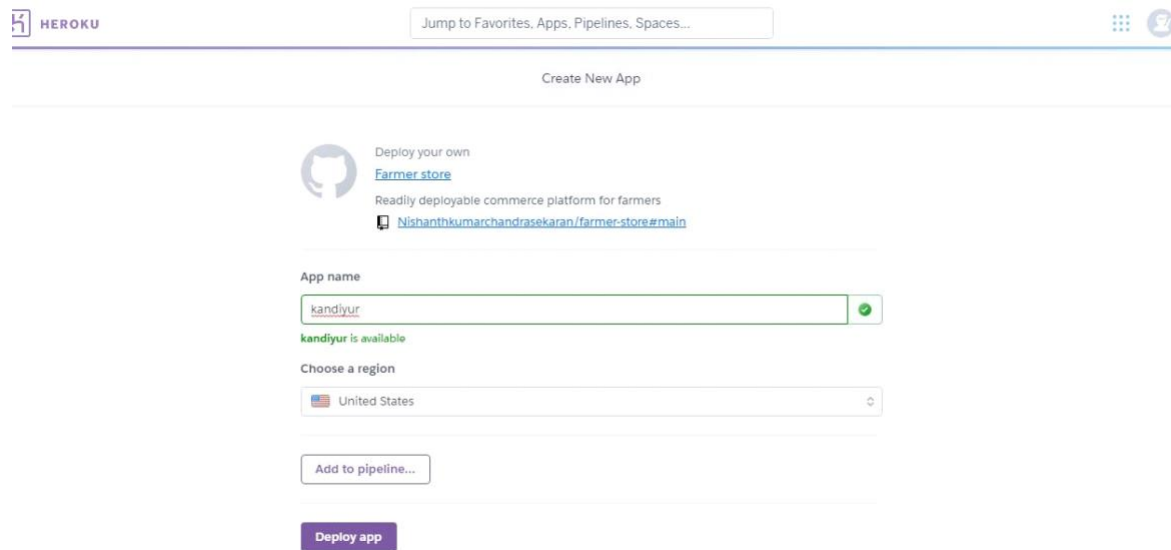
Step 10 : Please go to my GitHub page and click on Deploy after scrolling down. Please sign up for HEROKU account.

<https://github.com/Nishanthkumarchandrasekaran/farmer-store>



Digital by the farmers, for the farmers, to the farmers.

Step 11 : Choose a name to identify your business – FPO/ FIG and click Deploy app. It will take few minutes.



HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Create New App

Deploy your own
[Farmer store](#)
Readily deployable commerce platform for farmers
[Nishanthkumarchandrasekaran/farmer-store#main](#)

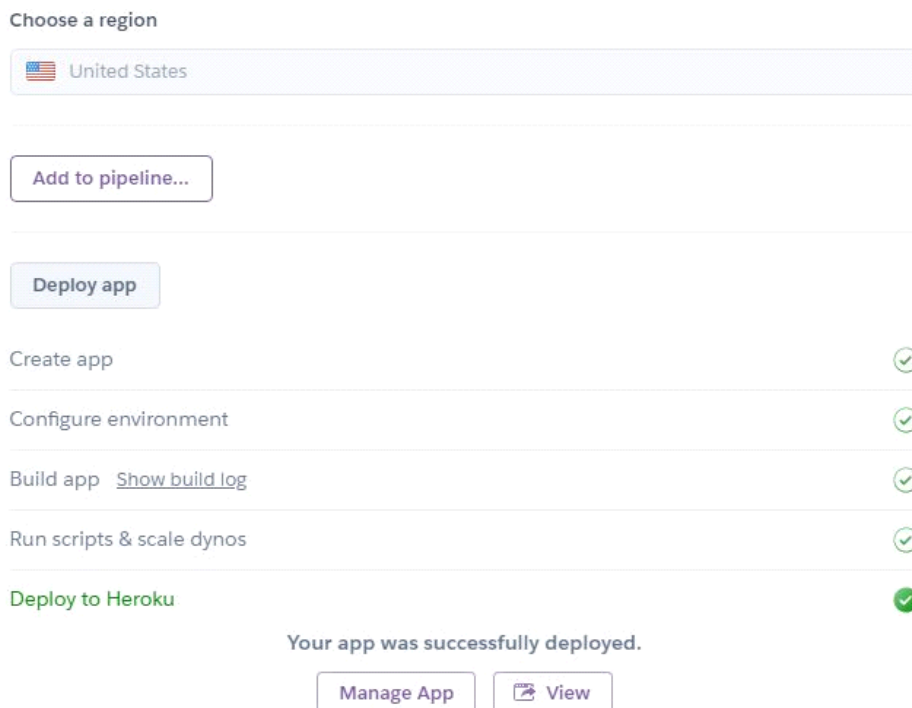
App name
kandiyur ✓
kandiyur is available

Choose a region
United States

Add to pipeline...

Deploy app

Step 12 : Once deployed please click Manage app and go to Settings tab.



Choose a region
United States

Add to pipeline...

Deploy app

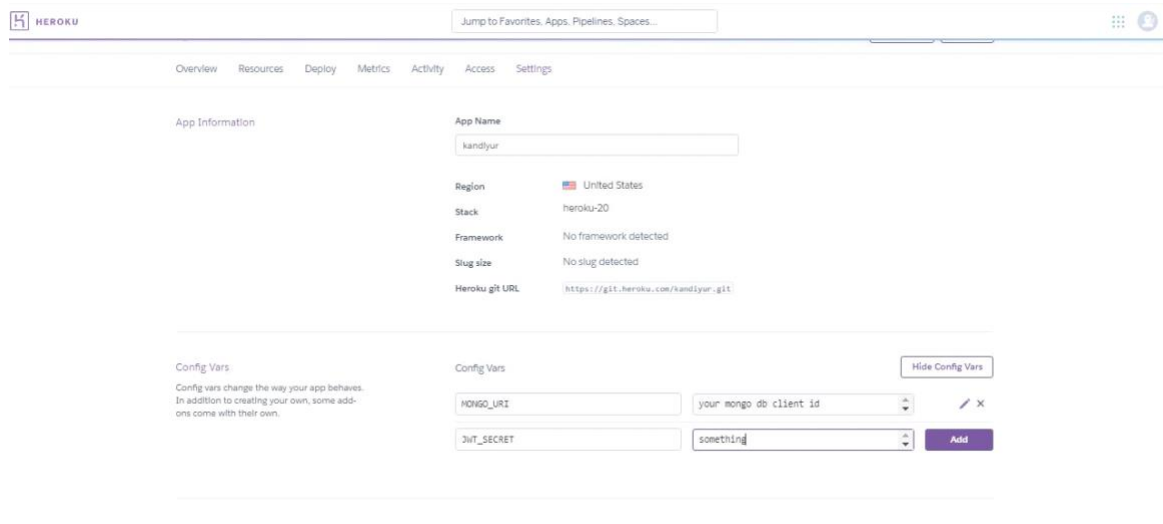
Create app	✓
Configure environment	✓
Build app Show build log	✓
Run scripts & scale dynos	✓
Deploy to Heroku	✓

Your app was successfully deployed.

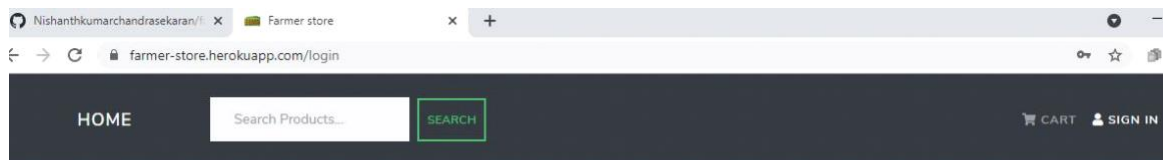
Manage App View

Digital by the farmers, for the farmers, to the farmers.

Step 13 : Please click Reveal Config Vars and add the key- values without any change in case.



Step 14 : Log in to your deployed app using farmer@example.com with 123 as password.



SIGN IN

Email Address

farmer@example.com

Password

...

SIGN IN

New Customer? Register

Digital by the farmers, for the farmers, to the farmers.

Step 15: Please change user email and password of the admin account by clicking farmer and then profile in it. Select products under admin and change products accordingly.

HOME

Search Products...

SEARCH

CART

FARMER

ADMIN

USER PROFILE

Name

farmer

Email Address

farmer@example.com

Password

Enter password

Confirm Password

Confirm password

UPDATE

MY ORDERS

ID	DATE	TOTAL	
60a7c1d337ec231a404ed356	2021-05-21	122.46	DETAILS
60a7bd4c98cf3513104275a0	2021-05-21	69.98	DETAILS
60a7a7250822d51d7c31e4a7	2021-05-21	29.99	DETAILS
60a7a5af0822d51d7c31e4a5	2021-05-21	39.99	DETAILS
60a79298a3175524ccff0d2d	2021-05-21	420	DETAILS
60a79298a3175524ccff0d28	2021-05-21	420	DETAILS
60a756293253ca1f60ca8477	2021-05-21	3.25	DETAILS
60a756293253ca1f60ca8477	2021-05-21	3.25	DETAILS

Step 16: Share it with your customers please use shield and mask during delivery. Try Google pay and similar service offline for payments as it does not have integration.

HOME

Search Products...


SEARCH

CART

FARMER


ADMIN

SHOPPING CART

Watermelon


₹30

5

Pineapple


₹35

2

Carrot

₹35

4

Grapes

₹60

1

+

SUBTOTAL (12) KGS

₹420.00

PROCEED TO CHECKOUT

Digital by the farmers, for the farmers, to the farmers.

Please support our Kandivaram water movement through change.org. Thank you.

<http://chnng.it/HWrFtTLb7x>

If you are represnting FPO please fill in the survey and this can be shared to TN-SCM team.

https://docs.google.com/forms/d/e/1FAIpQLSeCkrWcDBPZyXktWEZ4N2qv3wMuJwRoFg1hcgpuGuF8EdXvSA/viewform?usp=pp_url

Disclaimer: I do not work for TN-SCM but we volunteer with FPOs and others during crisis for betterment.