Domain Hub

Documentation

Introducing our innovative domain name tool that is designed to streamline the domain name search process. Our tool is packed with features that make it easy to check the availability of domain names, generate new domain names, and perform various domain-related functions such as Whois, DNS, reverse IP, and domain location checking.

Our domain availability check feature is quick and easy to use, allowing users to enter a domain name and instantly find out if it is available for registration. This feature saves time and eliminates the frustration of attempting to register a domain name that has already been taken.

Our bulk domain generator feature makes it easy to generate multiple domain name ideas at once, making it ideal for users who need to register multiple domain names for their business or brand.

Finally, our domain location checking feature allows users to find out where a domain is hosted, making it ideal for businesses that want to ensure their website is hosted in a specific geographic location for regulatory or legal reasons.

Overall, our domain name tool is a comprehensive solution for anyone looking to find, register, or manage domain names. With its powerful features and user-friendly interface, it is the perfect tool for businesses, entrepreneurs, and individuals looking to establish a strong online presence.

Item Name : Domain Hub – Name Generator and Domain tools React, Nextjs Template
Created : 16 May 2023
Item Version : v 4.0
Author : Irfan Habib
Support Ticket : neelhabib@gmail.com
Documentation : https://docs.domainhub.online

Please visit
https://docs.domainhub.online
for updated documentation.

Table of Content

Requirement:

1. **Node JS > 18.x**
2. **NPM > 9.x**

Technology Used

1. **React JS** (Frontend Library for building user interface)
2. **Next JS** (React Framework for Server Side Render)
3. **Node** JS (Backend inbuilt with Next JS)
4. **NPM** (Node Package Manager)
5. **NextUI** (A UI framework for React / Nextjs)
6. **Tailwind CSS** (A CSS framework)
7. **MongoDB** (Database)

For Shared Hosting users, your server must have NodeJS version 18.x installed. Otherwise the script will not work.

Product Demo

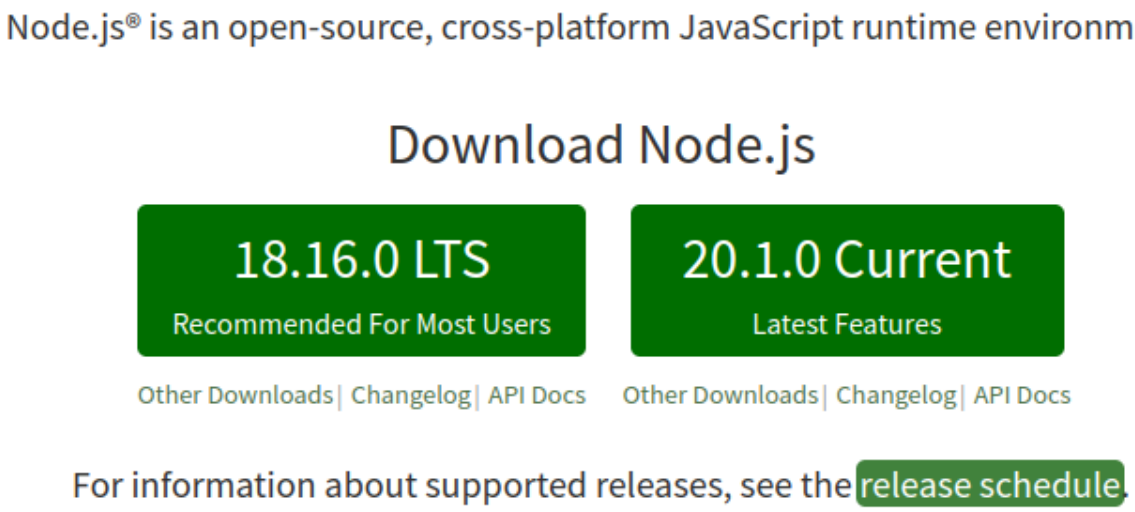
http://v4.domainhub.online

Installation:

Install Locally

If you want to try the script before installing it on the online server, please follow the instruction

Before getting started, you need to install nodejs.
To install nodejs, goto node js site. And install an updated version. **18.xxx** is recommended.



If you are using the Windows operating system, use Windows PowerShell Terminal. If you are using linux, use your system terminal.

Move to your project folder and open the terminal here. And type..

```
npm install
```

It will install all necessary packages that are required for the script.

Next, type this command below.

```
npm start
```

```
> WPTD@1.0 start
> NODE_ENV=production node server.js

> Ready on http://localhost:3000
```

Now your script is ready to serve at url **http://localhost:3000**

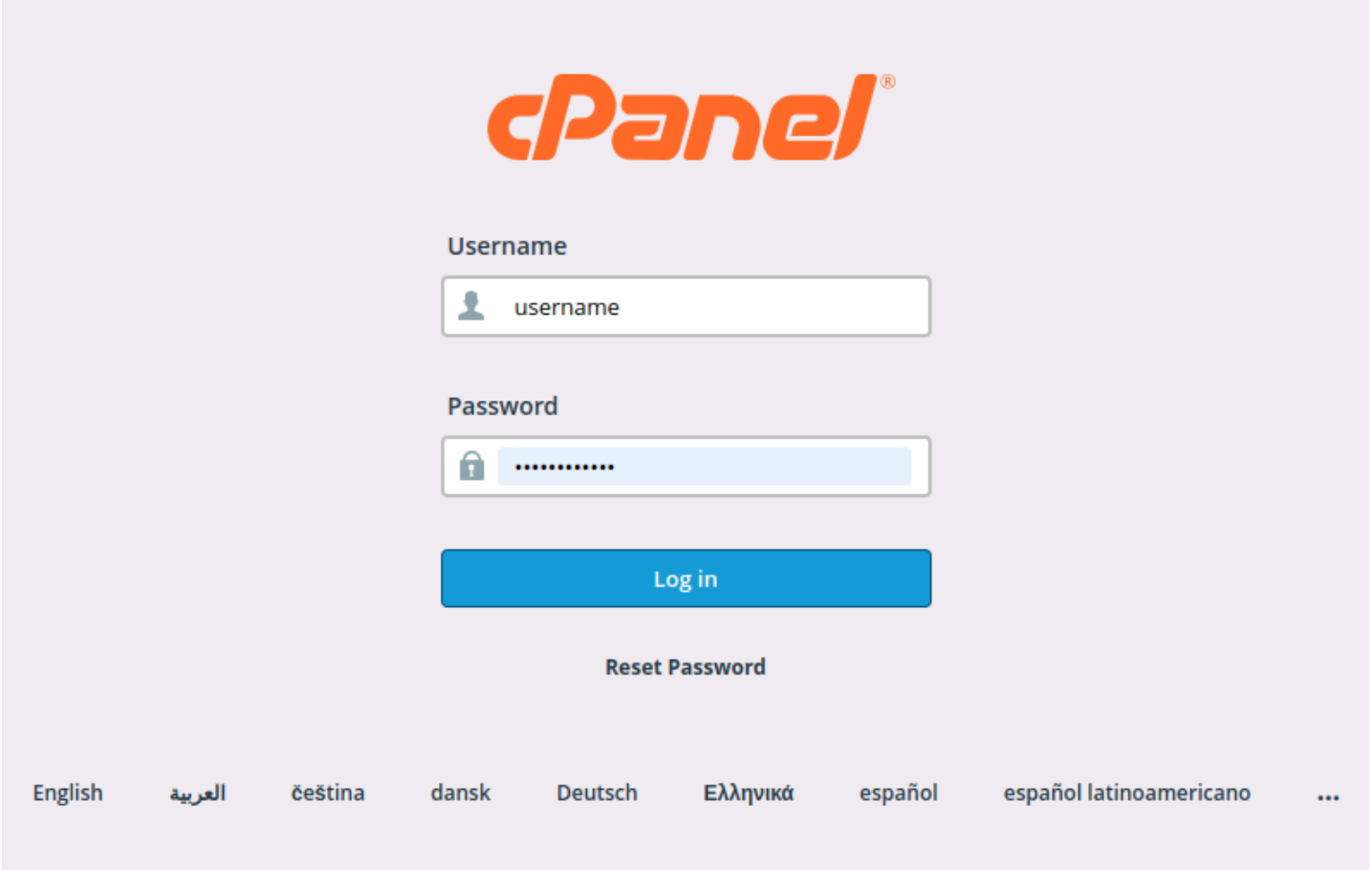
Now open your browser, copy and paste the above url, and press enter.

Install on cPanel

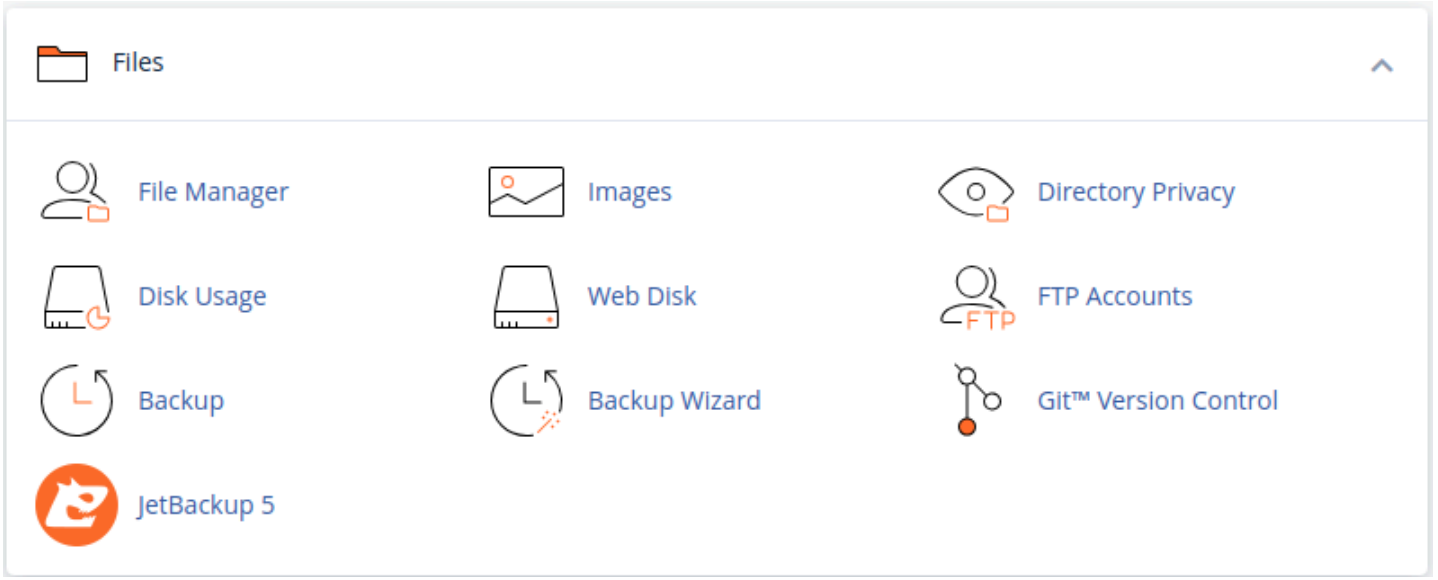
For Shared Hosting users, your server must have NodeJS version 18.x installed. Otherwise the script will not work.

We made our script as easy to install on cPanel on your favourite hosting provider.

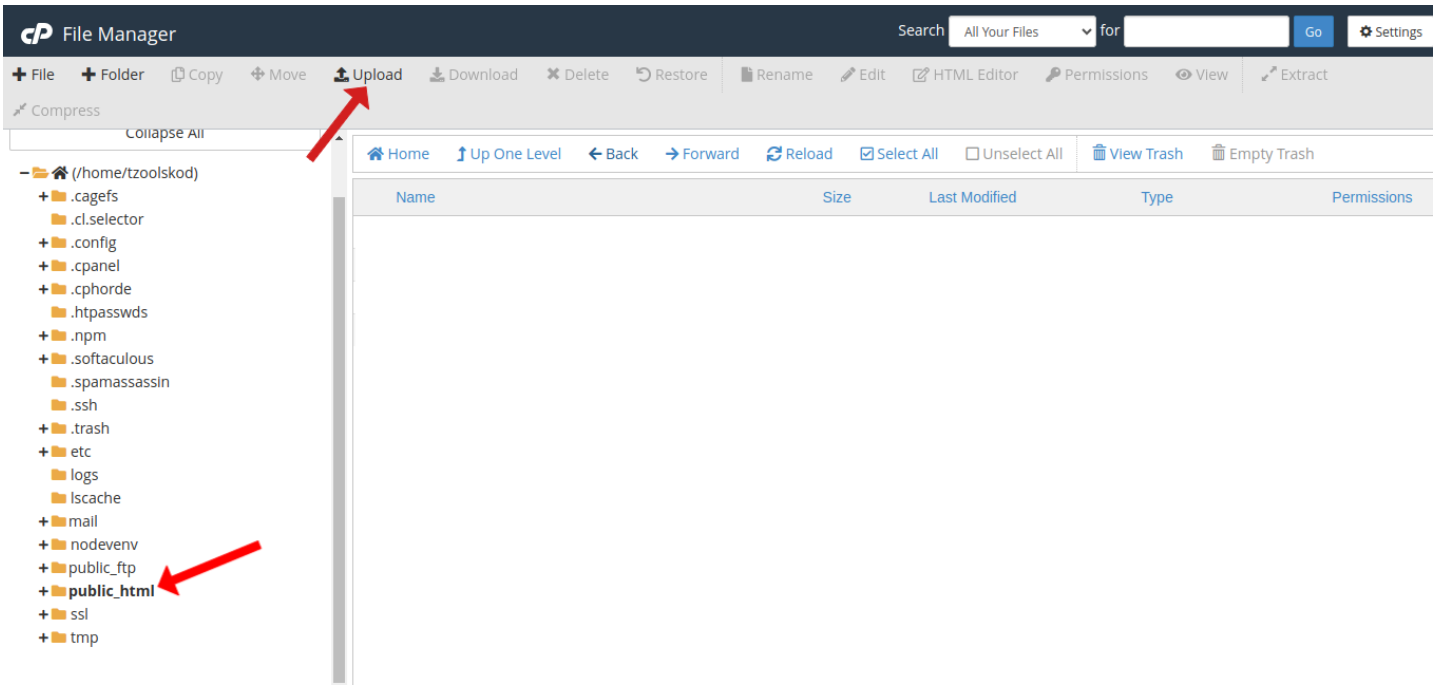
1. First login to your cPanel dashboard.



2. After you successfully login to your dashboard, go to File Manager.

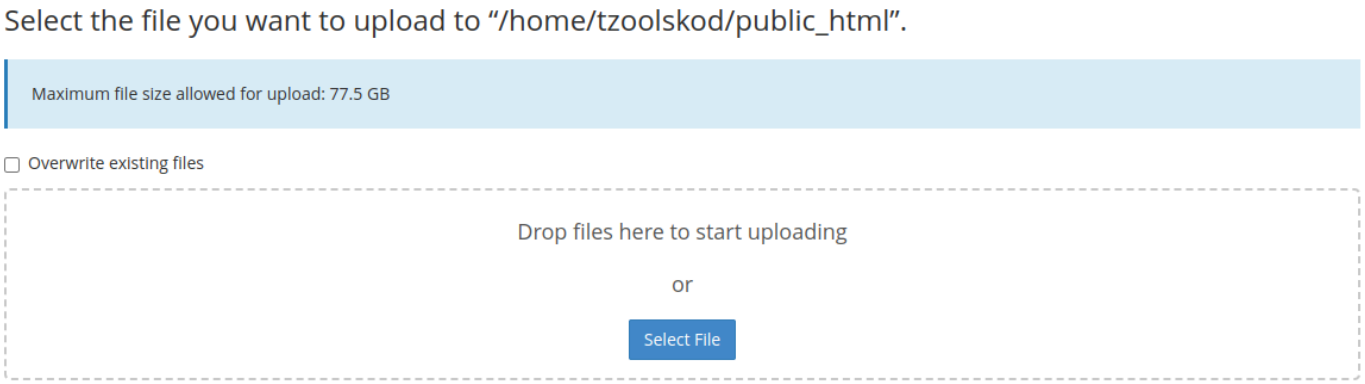


3. Click on File Manager. It will open a new window like below.

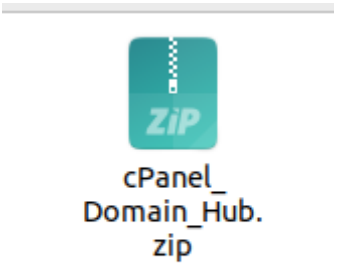


On the **public_html** folder on the left side, select the folder, and click the **Upload** button on the top.

Now it will open a new window to upload your script file.

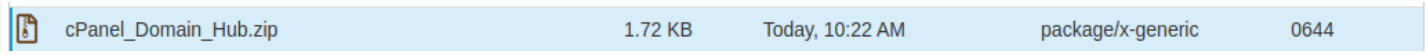


4. Now click Select File button and upload the **cPanel_Domain_Hub.zip** file inside the script folder you have downloaded from CodeCanyon



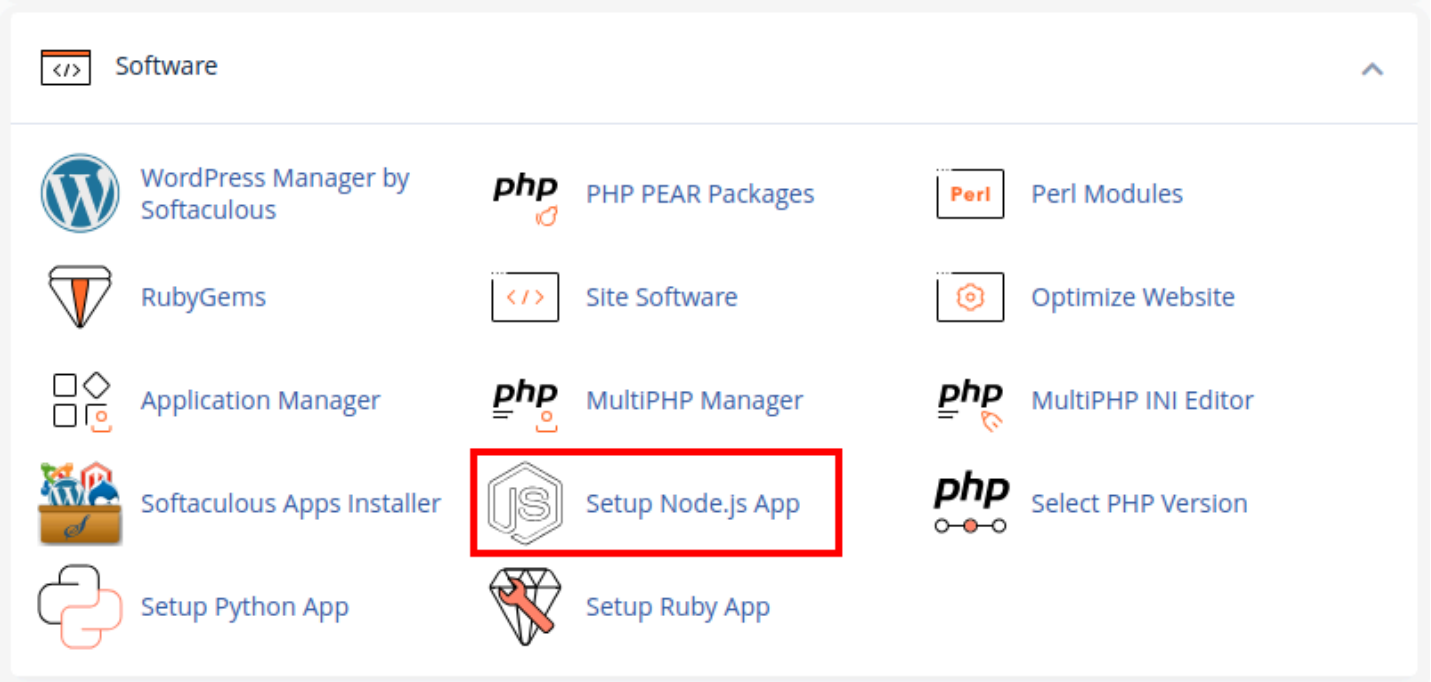
5. Upload the zip file.

6. After successfully uploading the file, back to the file manager. Reload the file manager. And you will see the zip file there.

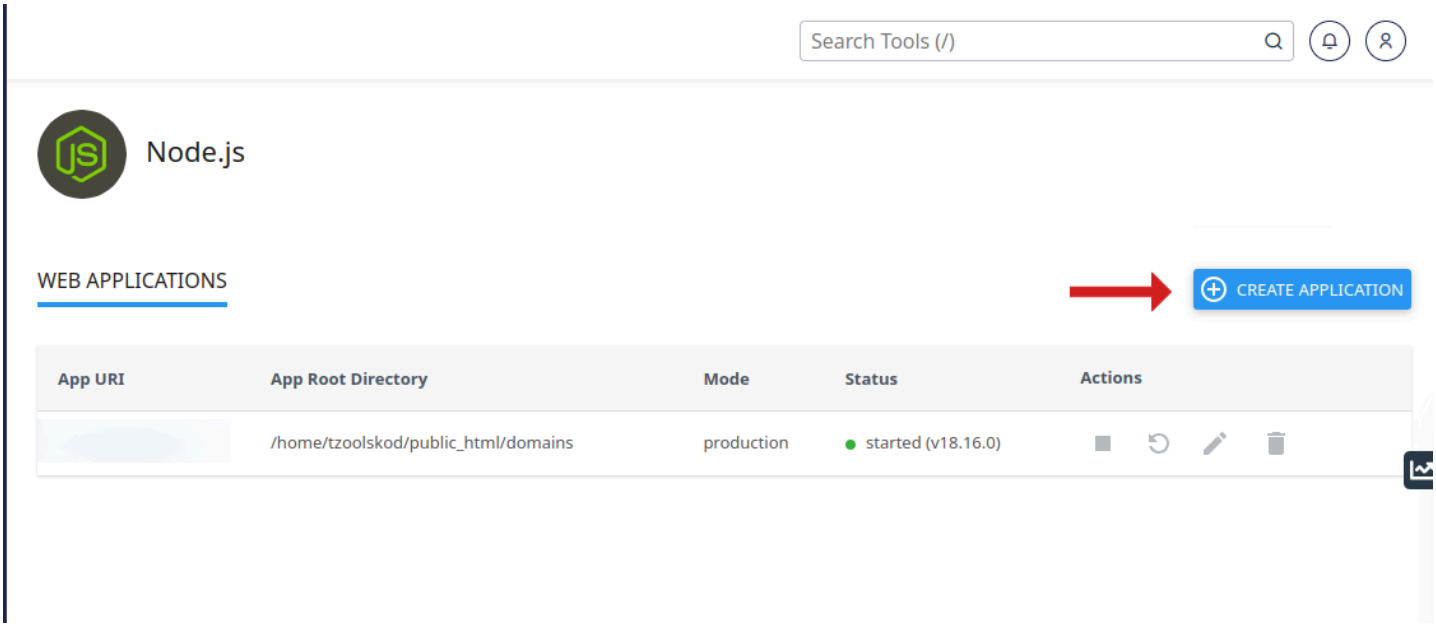


7. Right click and extract the zip file here.

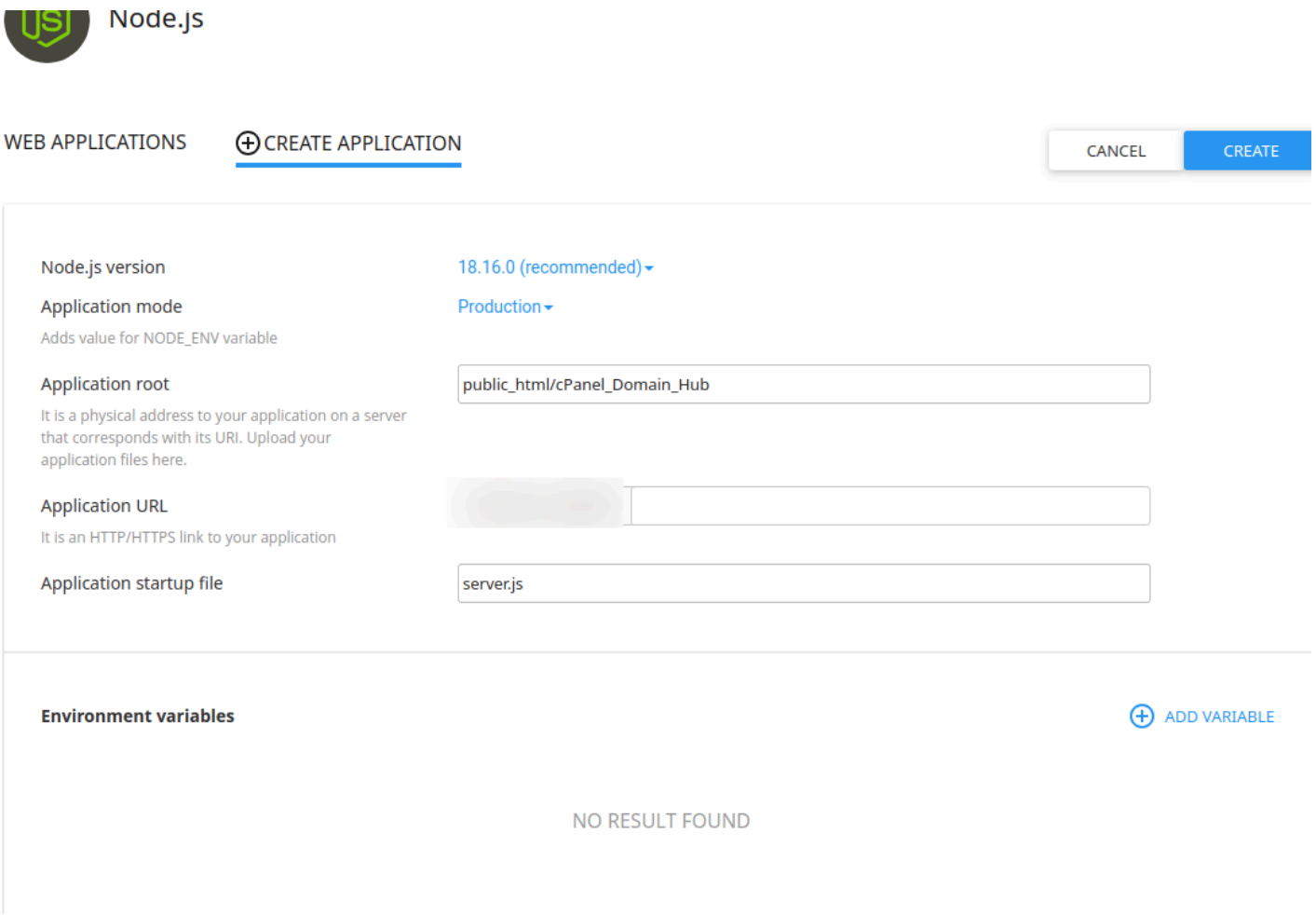
8. Now back to your cPanel dashboard. And go to the Software tab. Click on **Setup Node.js App**.



It will open a new page like below.



9. Click CREATE APPLICATION Button. You will see a page like this..

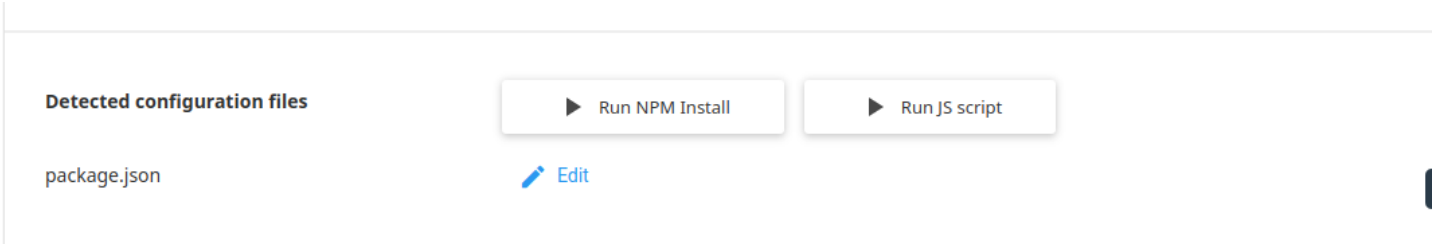


Please fill in all the details as you see on the above image.

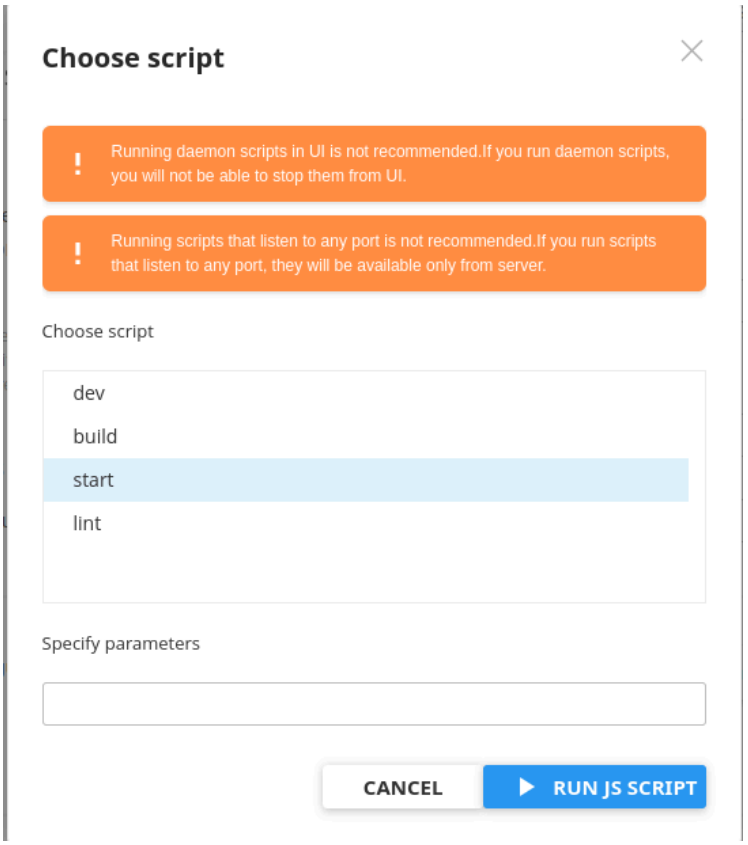
- Nodejs version: **18.16.0(recommended)**
- Application Mode: **Production**
- Application root: **public_html/cPanel_Domain_Hub**
- Application URL: select your domain you want configured with the script.
- Application startup file: **server.js**

10. Double check if everything is okay. Now click CREATE button

You will see two new options like below.



- Click **Run NPM Install** button
  - It will take some time.
- Click **Run JS script**
  - It will show you some options like below



11. Choose the start option and click **RUN JS SCRIPT**. It takes some time to start the script on your server.

That's it.

After completing the installation, you can now visit your domain now.

Install on VPS (CLI)

Install NodeJS

We will guide you here on how to install Nodejs with NPM, Apache server, and PM2 process manager.
To install the latest NodeJS version 18.x, type the commands below.

```
cd ~
curl -sL https://deb.nodesource.com/setup_18.x -o nodesource_setup.sh
```

Then run the below command

```
sudo bash nodesource_setup.sh
sudo apt install
```

This will install NodeJS 18.x and NPM to your system. to verify the version, you can check by below command.

```
node -v
```

Output
```
v18.17.0
```

Install Apache server.

To install the Apache2 package, follow the below command line in your terminal.

```
sudo apt install apache2
```

Enable required Apache modules:

Next.js projects often use Node.js and require proxying to the Node.js application running on a different port. To enable the required Apache modules, run:

```
sudo a2enmod proxy
sudo a2enmod proxy_http
sudo a2enmod proxy_balancer
sudo a2enmod lbmethod_byrequests
```

Configure a new virtual host: Create a new virtual host configuration file for your domain.

```
sudo nano /etc/apache2/sites-available/domainhub.online.conf
```

Replace **domain.online** with your own domain.
Add the following content to the file. Replace **domainhub.online** and **www.domainhub.online** with your domain again.

```
<VirtualHost *:80>
ServerName domainhub.online
ServerAlias www.domainhub.online

ProxyPreserveHost On
ProxyPass / http://localhost:3000/
ProxyPassReverse / http://localhost:3000/
</VirtualHost>
```

Enable the virtual host: Replace **domainhub.online** with your domain.

```
sudo a2ensite domainhub.online
```

Restart Apache to apply the changes:

```
sudo service apache2 restart
```

That's it.

Install PM2 process manager

PM2 is a process manager, to install it, follow the below command line.

```
sudo npm install pm2 -g
```

We will use this service when we install the script.

Install MongoDB

If you want to use Mongodb Atlas Cloud Database, you can skip this process. You can choose either locally installed Mongodb Database or Cloude Database which is free.

Use this tutorial to install MongoDB 6.0 Community Edition on LTS (long-term support) releases of Ubuntu Linux using the `apt` package manager.

Type the command below on the terminal.

```
sudo apt-get install gnupg curl
```

On your terminal, please copy and paste below code.

```
curl -fsSL https://pgp.mongodb.com/server-6.0.asc | \
sudo gpg -o /usr/share/keyrings/mongodb-server-6.0.gpg \
--dearmor
```

Now copy and paste below code to the terminal. please use the code according to your operating system.

Ubuntu 22.04

```
echo "deb [ arch=amd64,arm64 signed-by=/usr/share/keyrings/mongodb-server-6.0.gpg ]
https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 multiverse" | sudo tee
/etc/apt/sources.list.d/mongodb-org-6.0.list
```

Ubuntu 20.04

```
echo "deb [ arch=amd64,arm64 signed-by=/usr/share/keyrings/mongodb-server-6.0.gpg ]
https://repo.mongodb.org/apt/ubuntu focal/mongodb-org/6.0 multiverse" | sudo tee
/etc/apt/sources.list.d/mongodb-org-6.0.list
```

Ubuntu 18.04

```
echo "deb [ arch=amd64,arm64 signed-by=/usr/share/keyrings/mongodb-server-6.0.gpg ]
https://repo.mongodb.org/apt/ubuntu bionic/mongodb-org/6.0 multiverse" | sudo tee
/etc/apt/sources.list.d/mongodb-org-6.0.list
```

Now update the repository.

```
sudo apt-get update
```

Now Install Mongodb.

```
sudo apt-get install -y mongodb-org
```

Now start the mongodb service on your server.

```
sudo systemctl start mongod
```

Type this command to start mongodb on every start on your server.

```
sudo systemctl enable mongod
```

Check whether the mongodb service is running or not.

```
sudo systemctl status mongod
```

This shows a success message like below.

```
● mongod.service - MongoDB Database Server
Loaded: loaded (/lib/systemd/system/mongod.service; disabled; vendor prese>
Active: active (running) since Mon 2023-08-07 09:38:45 UTC; 6s ago
Docs: https://docs.mongodb.org/manual
Main PID: 11249 (mongod)
Memory: 72.5M
CPU: 662ms
CGroup: /system.slice/mongod.service
└─11249 /usr/bin/mongod --config /etc/mongod.conf
```

That's it. Mongodb is now installed on your system.

Install DomainHub

Install Domain Hub Script

Finally we are ready to install the Domain Hub script to the server.
First you need to upload the downloaded zip file to the server root directory. You can put the files to any directory.

Use your favourite ftp tool to upload the files.

Then open the ssh terminal and follow these steps.

Install the unzip package to unzip your zip files.

```
sudo apt install unzip
```

Now move to the directory where you uploaded the DomainHub zip files. and run this command.

```
unzip DomainHub.zip
```

This will unzip the zipped files and you can see a new folder named DomainHub
Move to the DomainHub folder.

```
cd DomainHub
```

Install the necessary packages by running this command.

```
npm install
```

This will take a few minutes or seconds.
Now come back to the PM2 process manager. This package require to run your script automatically if your server reboot.

```
pm2 start npm --name "domainhub" -- start
```

You will see a message like this.

```
[PM2] Spawning PM2 daemon with pm2_home=/root/.pm2
[PM2] PM2 Successfully daemonized
[PM2] Starting /usr/bin/npm in fork_mode (1 instance)
[PM2] Done.
┌────┬────────────────────┬──────────┬──────┬───────────┬──────────┬──────────┐
│ id │ name               │ mode     │ ↺    │ status    │ cpu      │ memory   │
├────┼────────────────────┼──────────┼──────┼───────────┼──────────┼──────────┤
│ 0  │ domainhub          │ fork     │ 0    │ online    │ 0%       │ 34.1mb   │
└────┴────────────────────┴──────────┴──────┴───────────┴──────────┴──────────┘
```

That's it. Site is online now. You can visit your site.

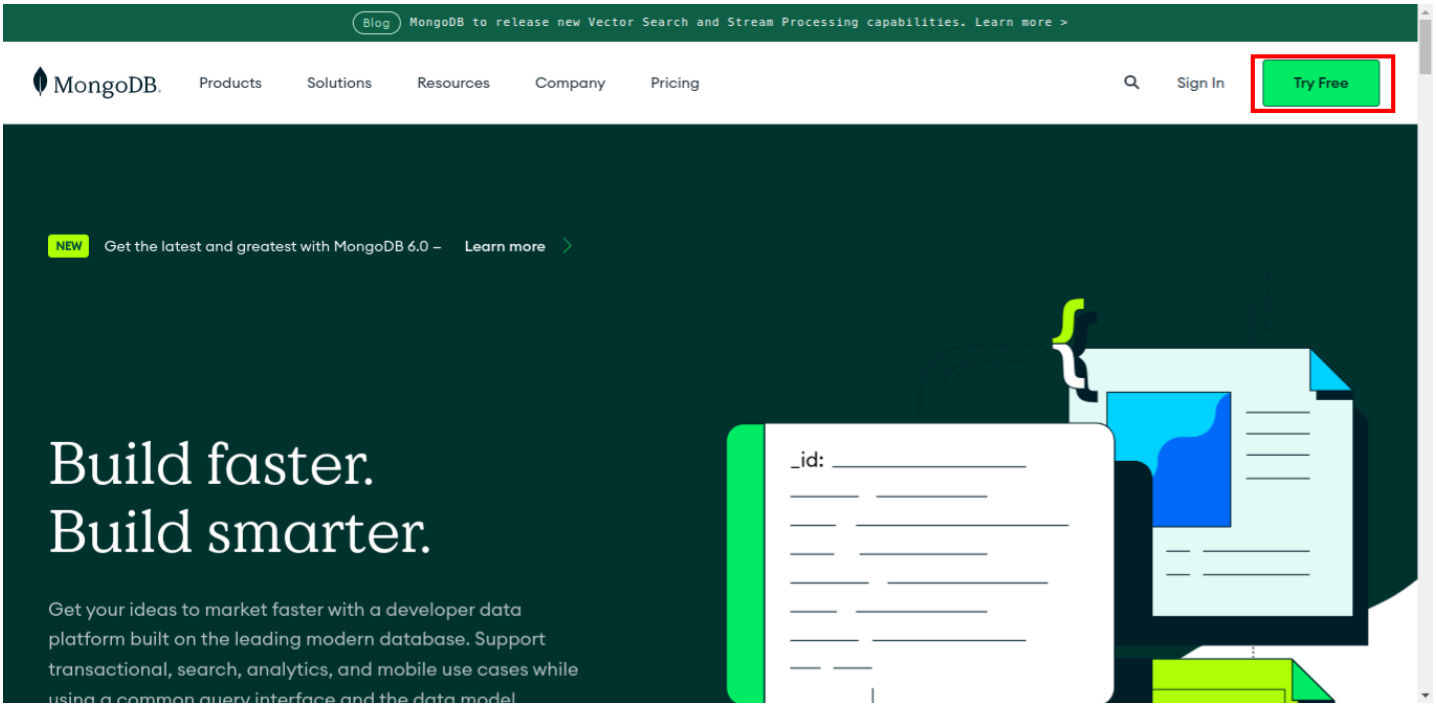
MongoDB Atlas Setup

MongoDB Atlas Account Setup and Configuration

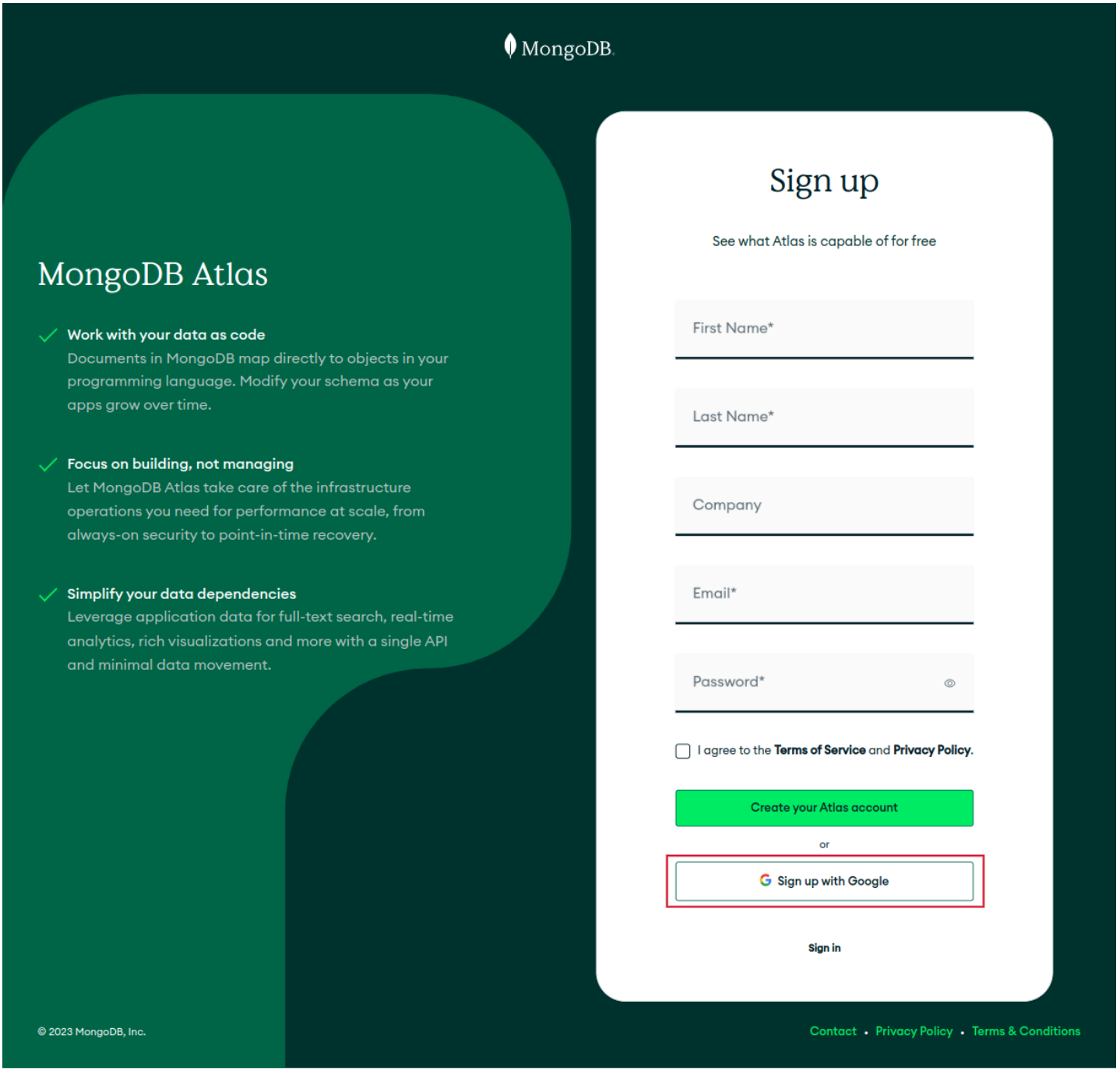
If you are using a VPS server and installed MongoDB locally through CLI, you can skip this guide. This guide is for those who installed the script through cPanel and didn't install / have the mongodb on their server.

We will guide you on how to set up a MongoDB Atlas account and configure it for your WPTD Script.

First goto **Mongodb** site

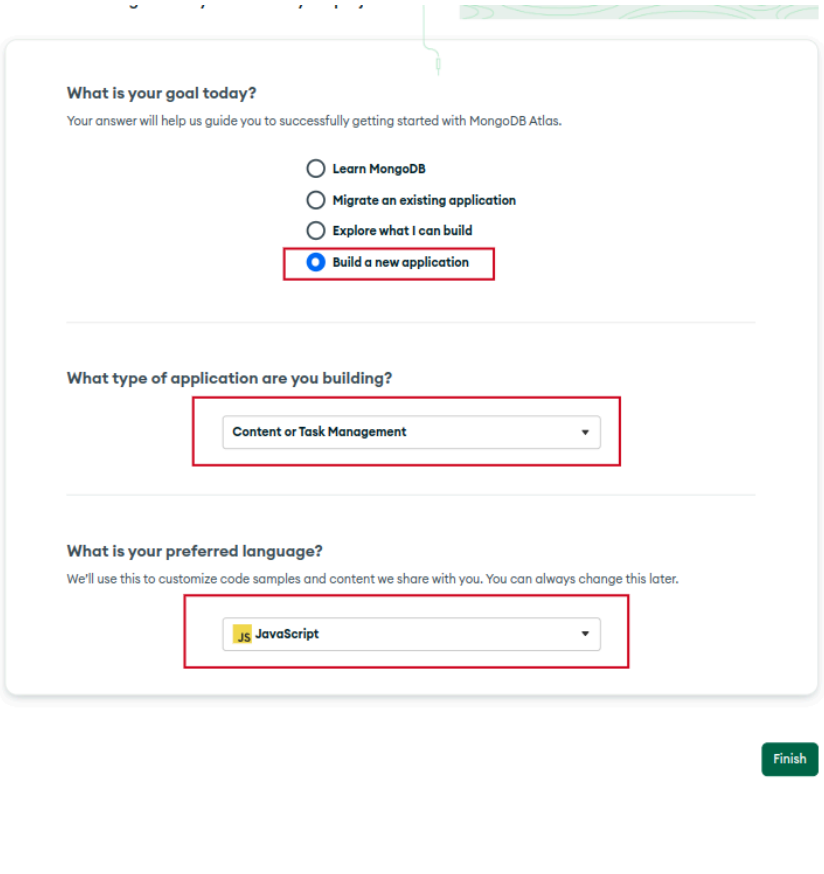


Click the **Try Free** button on top right. You will redirect to a page like below.



Click Sign up with Google Button. You can sign up with email by filling out the above form. Whatever you like.

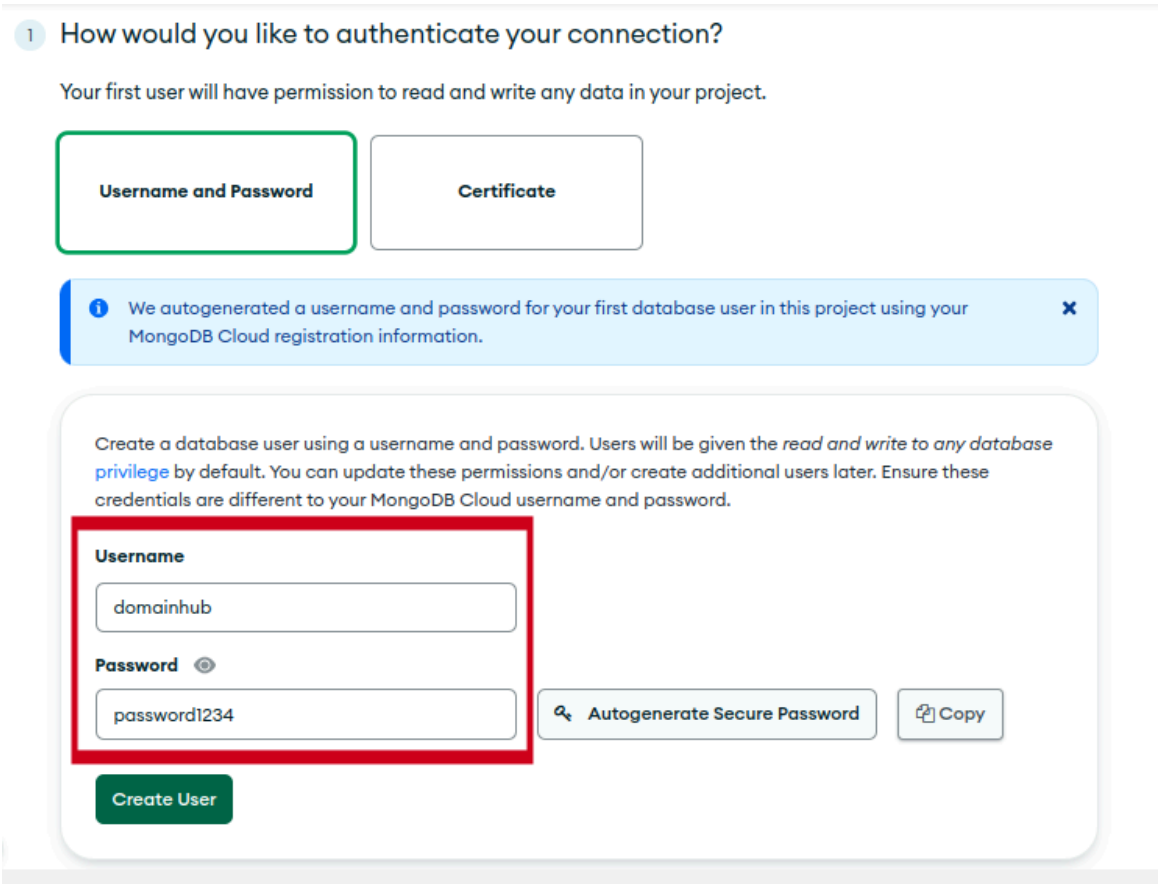
After completing the signup and signin process, you will be redirected to your MongoDB dashboard like below.



Just fill as you see the images above. or you can choose any option. It does not matter.

Now click the Finish Button.

You will redirect to either your dashboard or new Database setup page.



please choose your username and password.

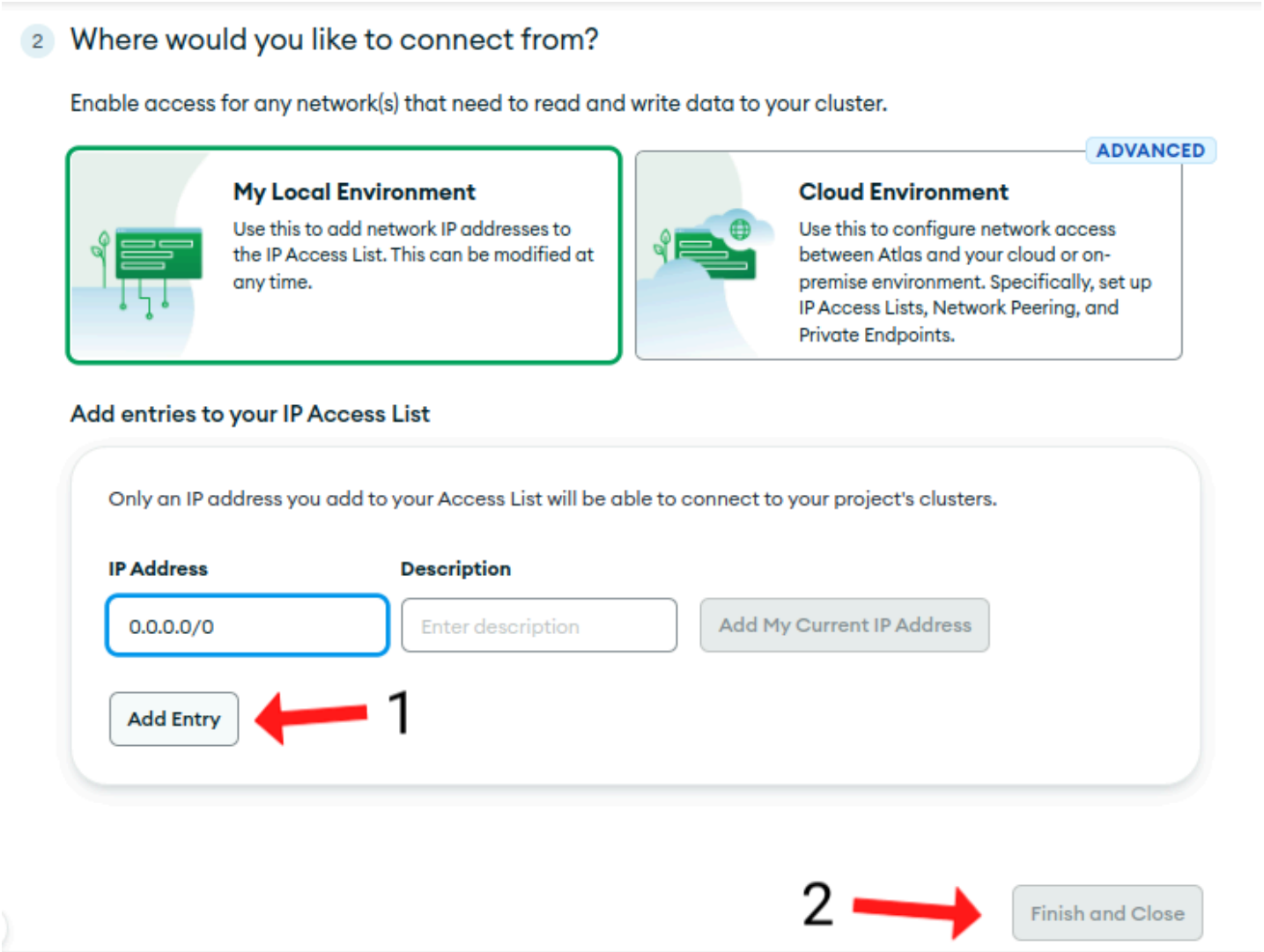
I am here to choose **domainhub** as username and **password1234** as password for demo purpose. You can choose yours.

Your password should not include any special character like @ # % *. Otherwise your have to convert your password into **URL Encoded** format.

You can generate a strong password by clicking the **Autogenerate *Secure Password*** button on the right side.

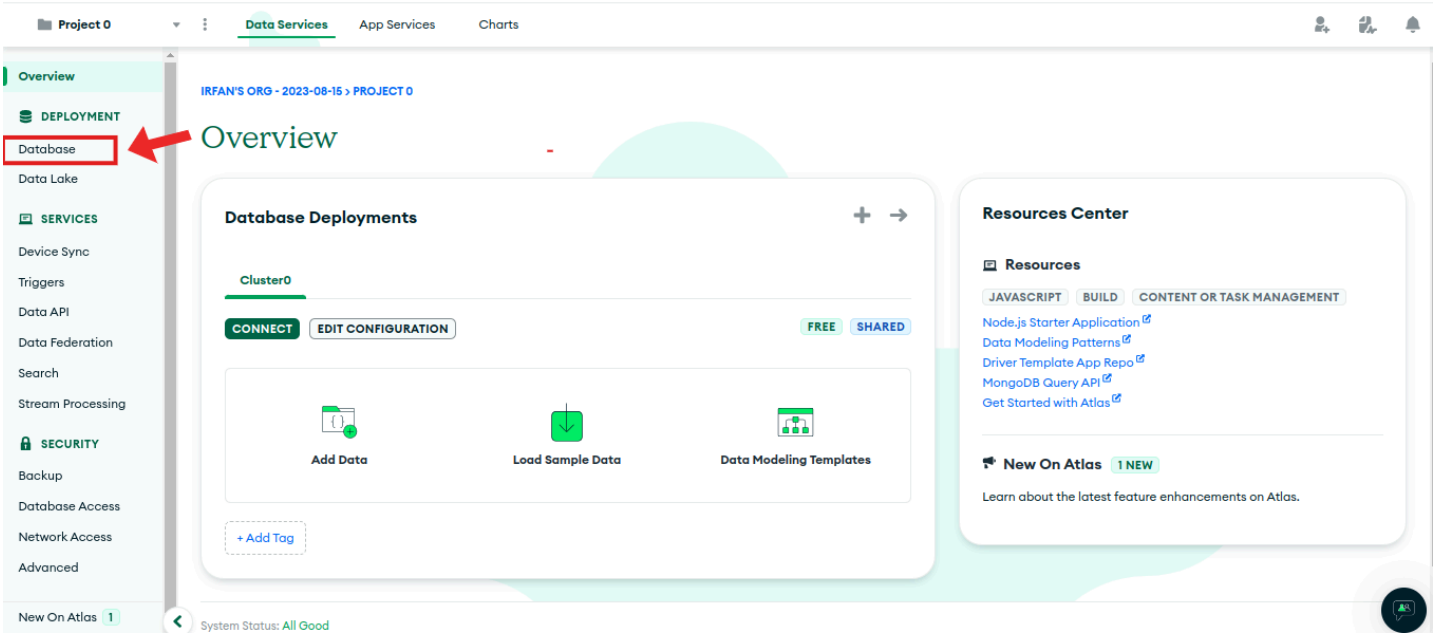
Please note these are credentials. Please do not expose your credentials to others.

Now below, on the **IP Address field**, please enter **0.0.0.0/0** and click **Add Entry** Button.

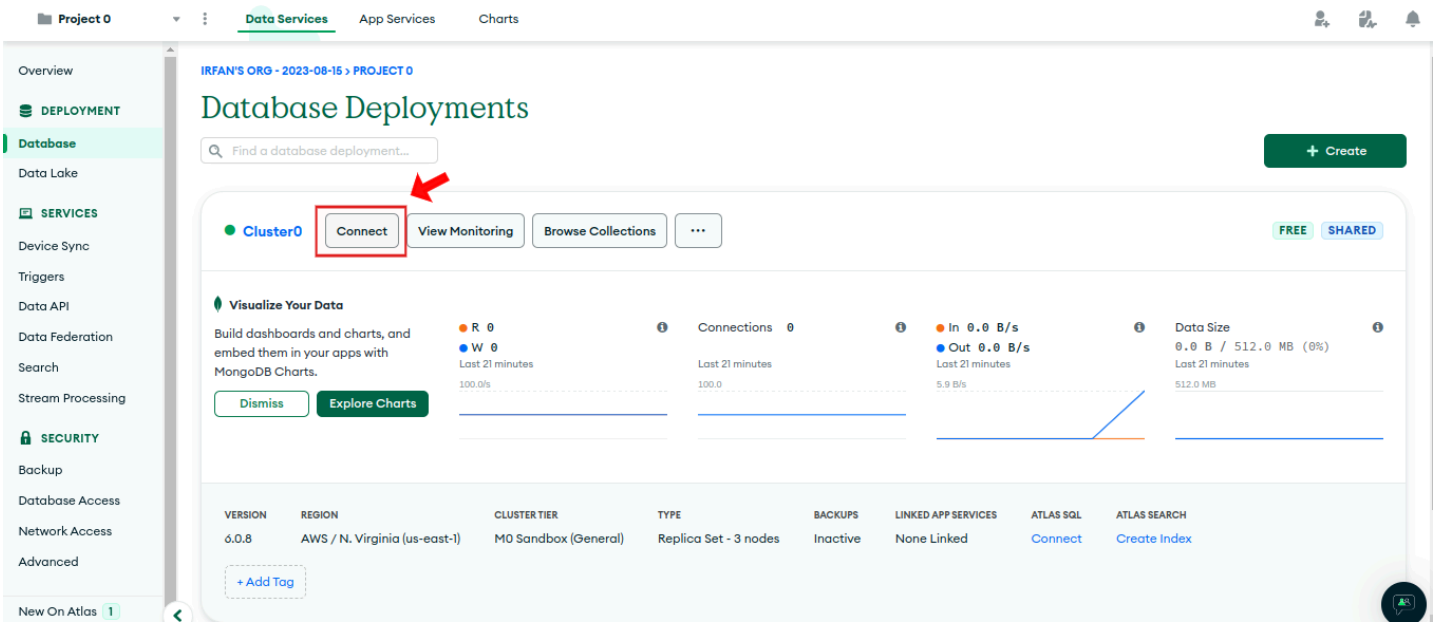


Click Finish and Close.

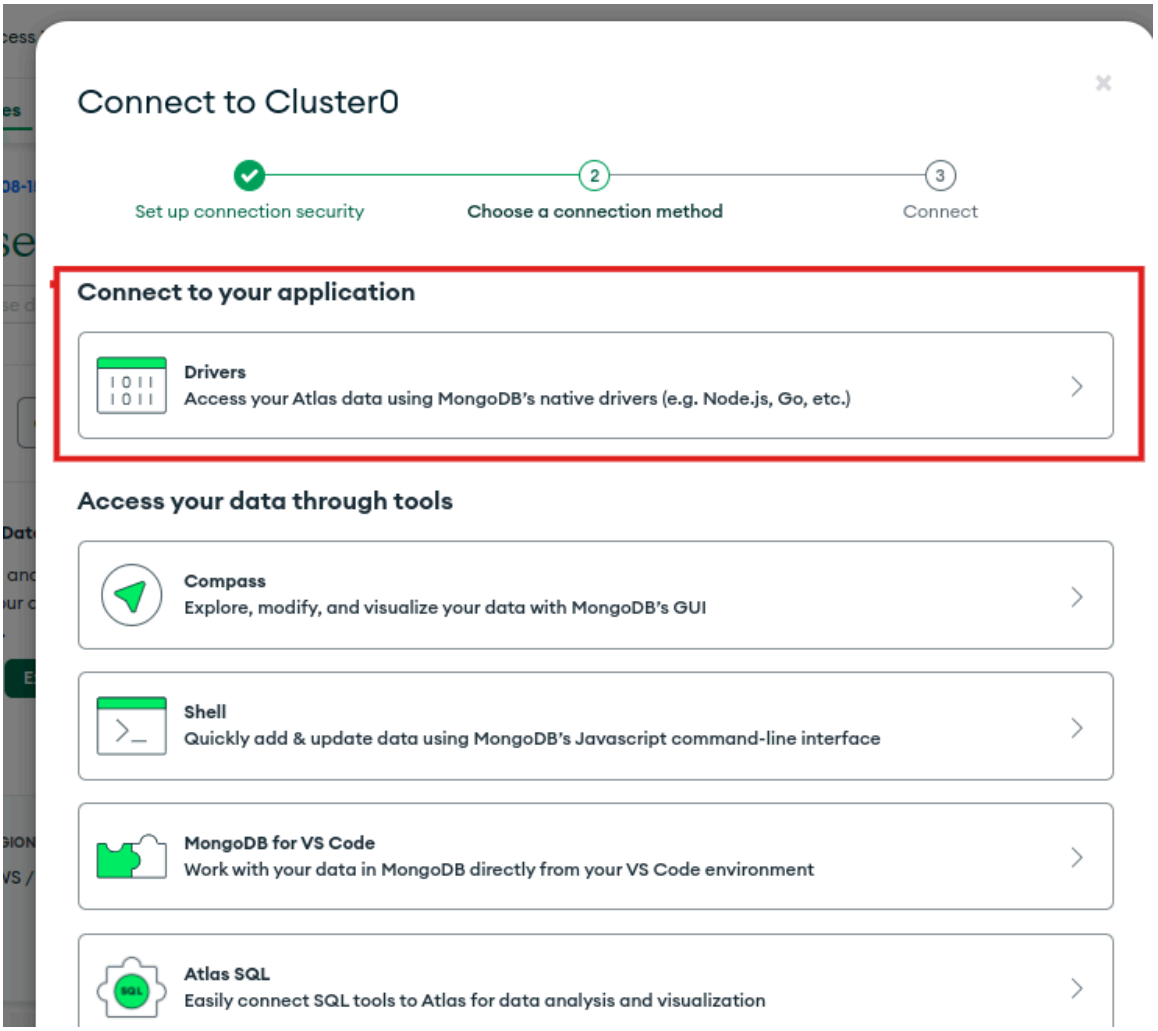
Now you will redirect to your dashboard like the page below. Click the **Database** option on the left side column.



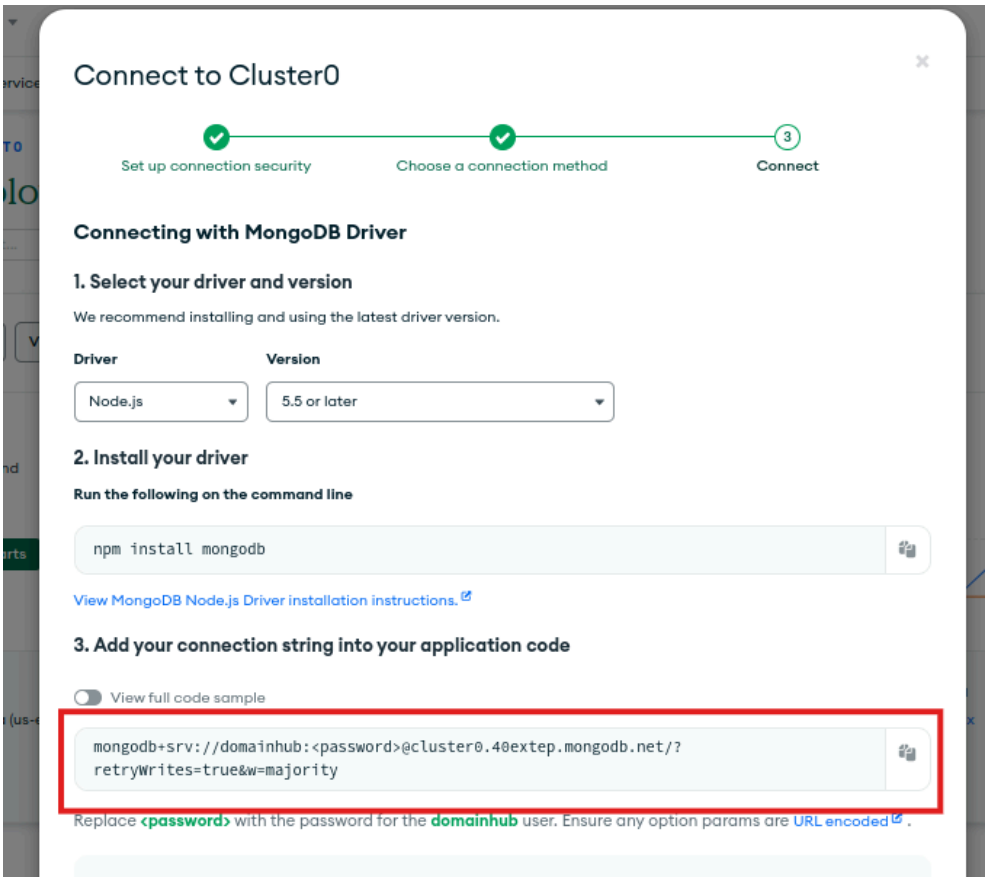
Click Connect Button. it will popup a window



On the first row, **Connect to your application**, select and click.



On the next step, copy the code down below.



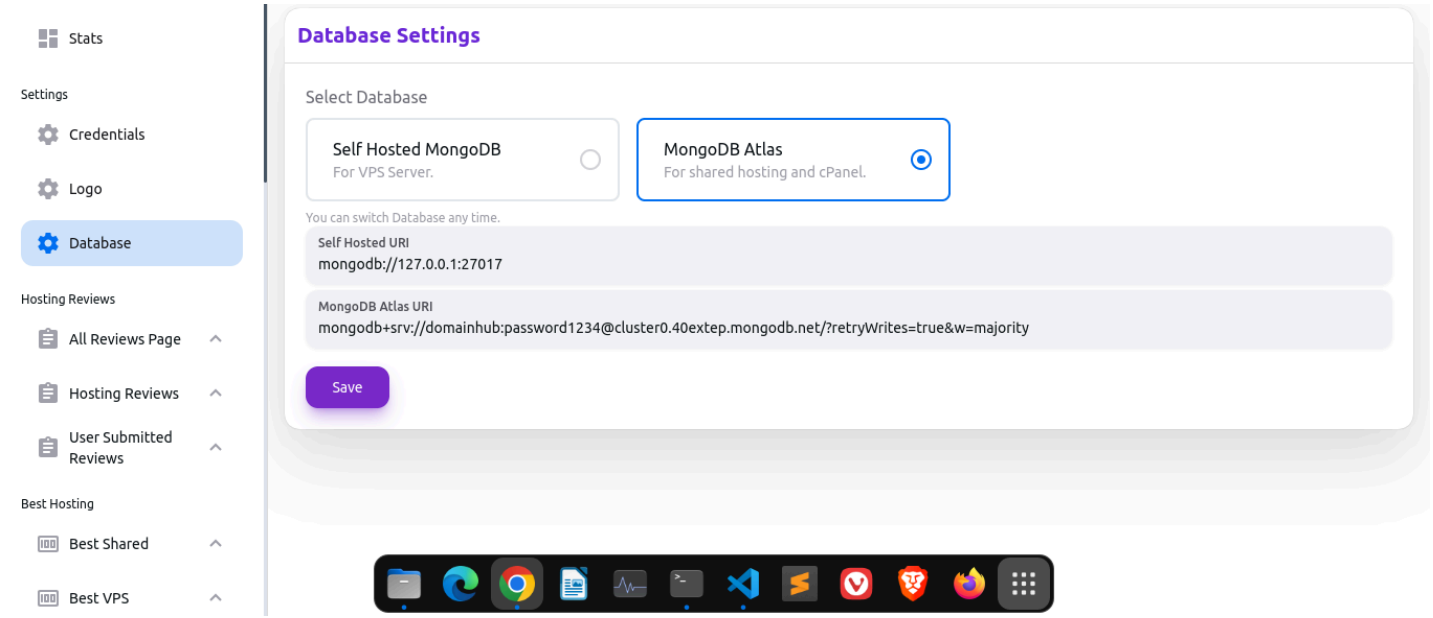
On the next step, copy the code down below.

mongodb+srv://domainhub:<password>@cluster0.40extep.mongodb.net/?retryWrites=true&w=majority

You need to change the username and password option from the URI.
Change **domainhub** to your username Change `<password>` to your password
Your final URI should have look like this..

```
mongodb+srv://domainhub:password1234@cluster0.40extep.mongodb.net/?retryWrites=true&w=majority
```

Now come to your script **admin panel**, and navigate to the **Database** option.



Choose Mongodb Atlas.

Paste the copied text on the MongoDB Atlas URI.

Save.

That's it. Your script is now using MongoDB Atlas Free Database.

Thank you for choosing our product. If you are facing any trouble, or need any assistance, please create a support ticket or mail us at neelhabib@gmail.com_.