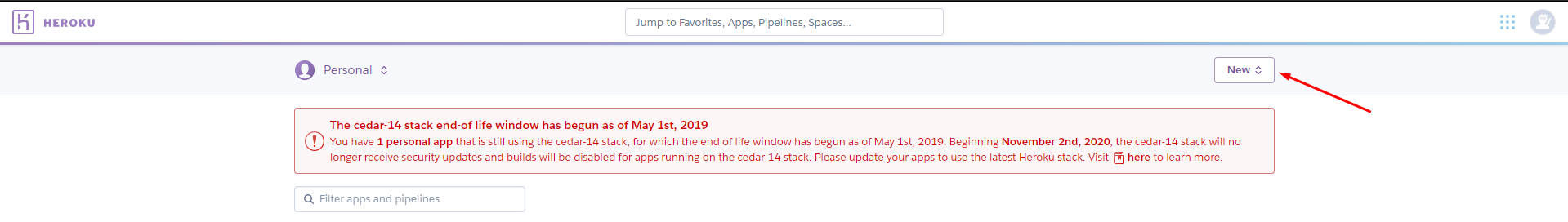
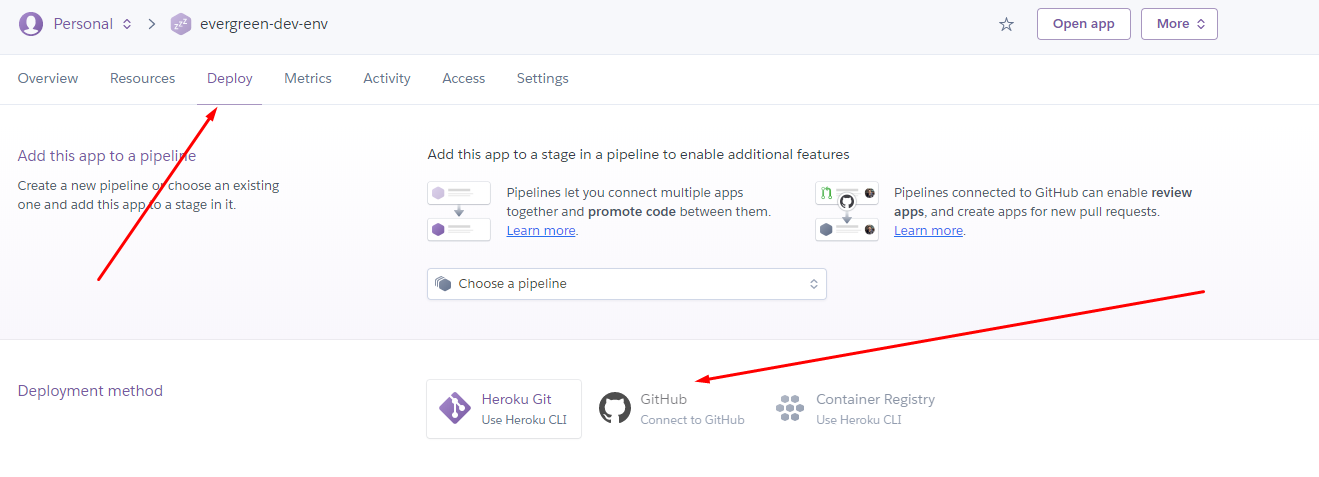
**A) Heroku Set Up** [**https://heroku.com**](https://heroku.com)**, this is for backend**

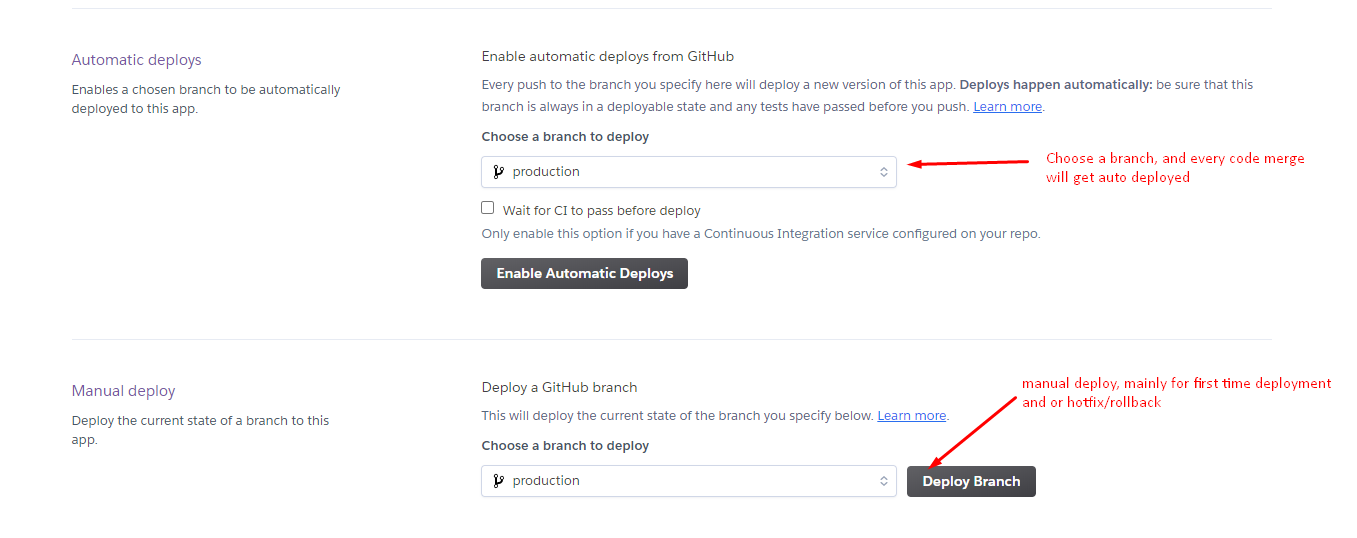
1./ Heroku Set Up https://heroku.com



2./ Connect app with Github deployment

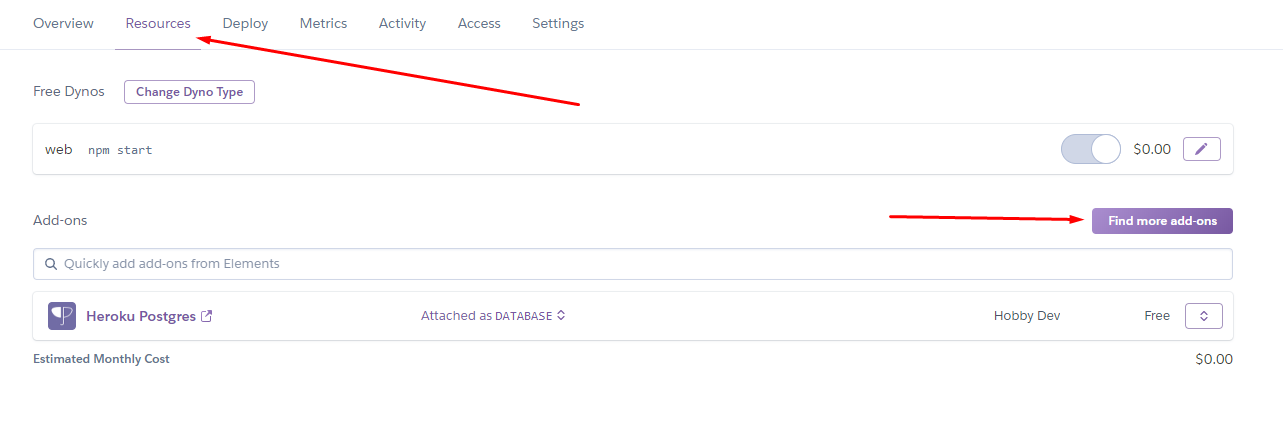


* Notes: You might be asked to choose a branch, if so you can choose master

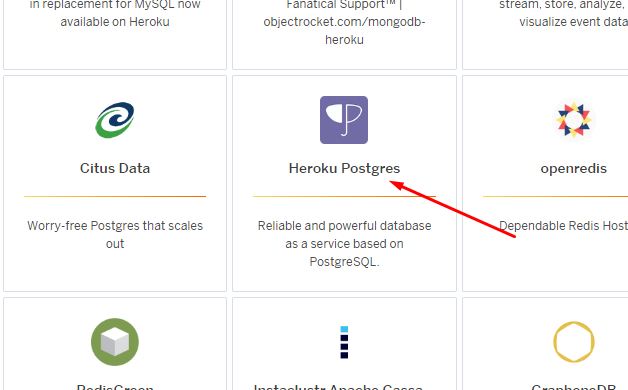


3./ Start adding resources

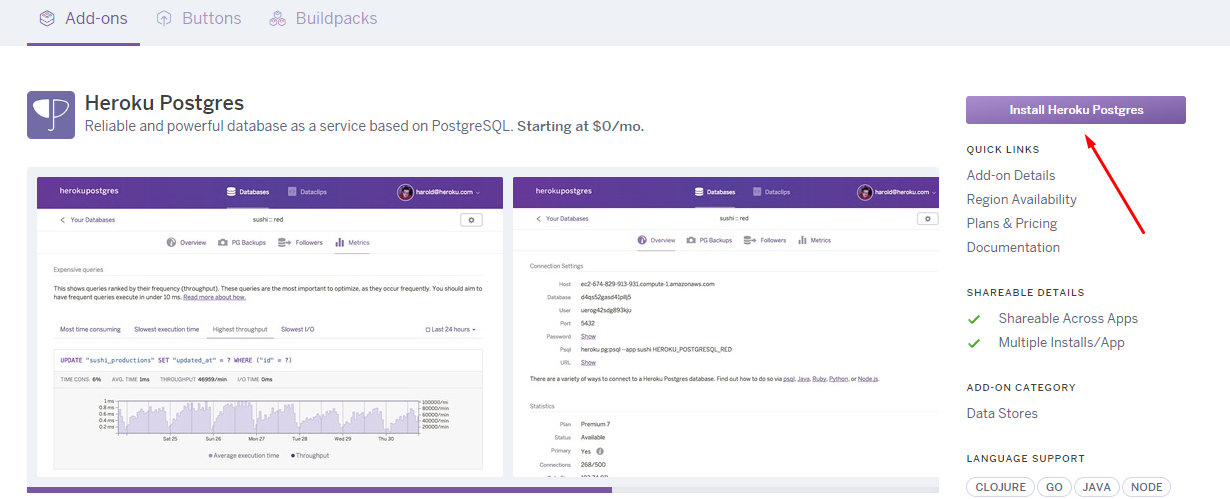
* We only need a database for our app



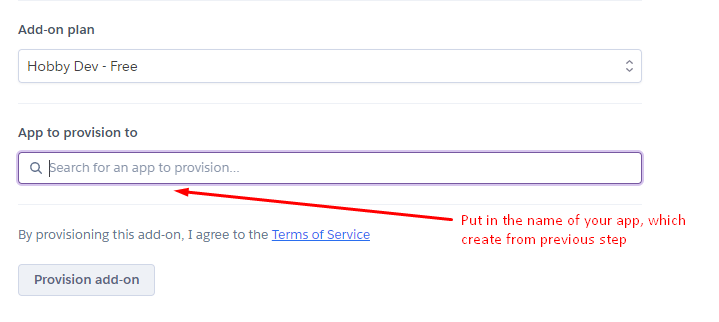
Choose Heroku postgres from the list



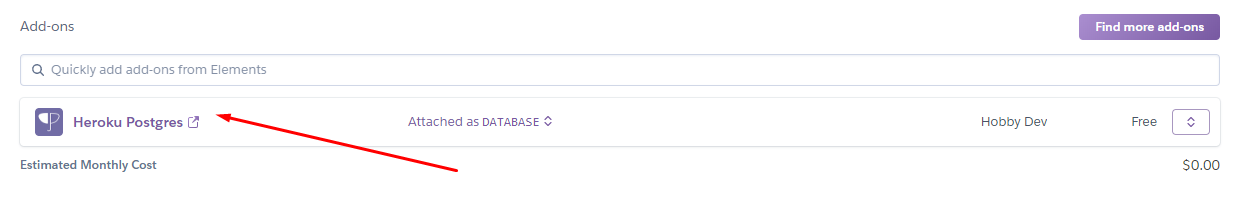
Click Install



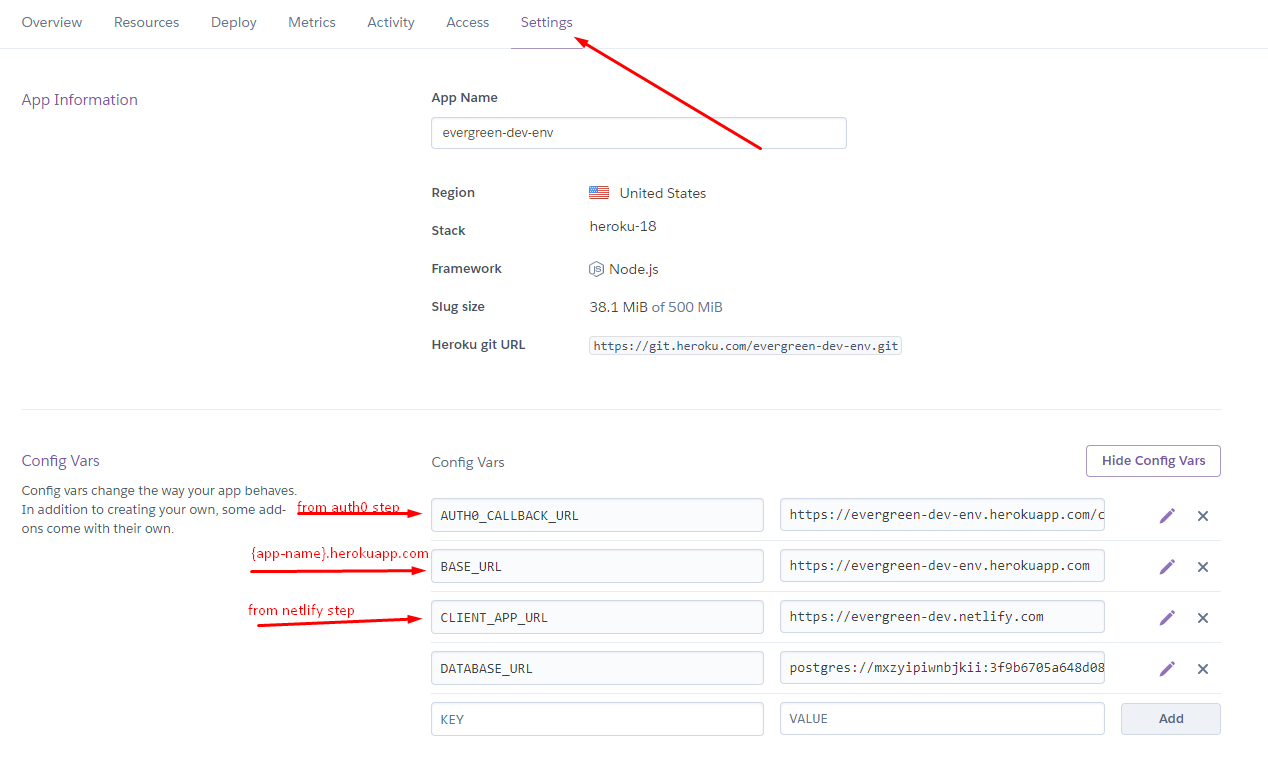
* Notes: Default install will be free version, you can upgrade later and data will automatically transfer



* After success adding database you should see this in you app



4./ Open Setting Tab for now to take an overview but we will come back to this later

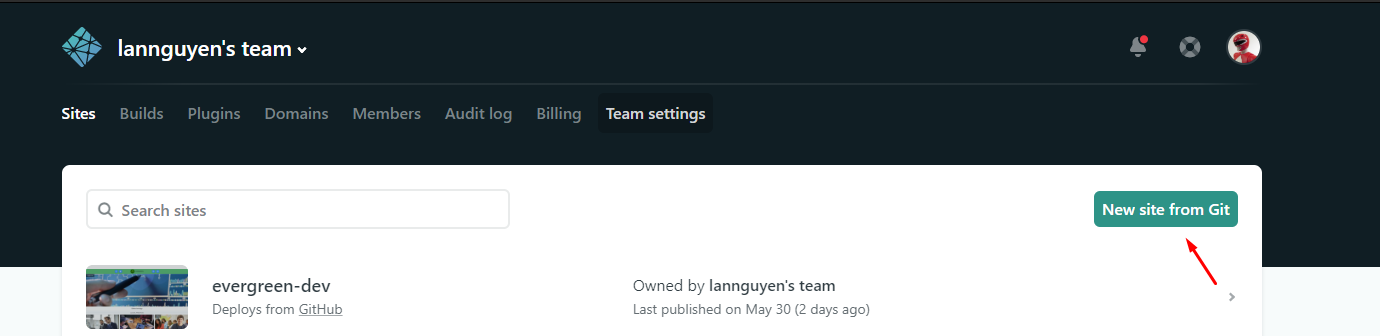


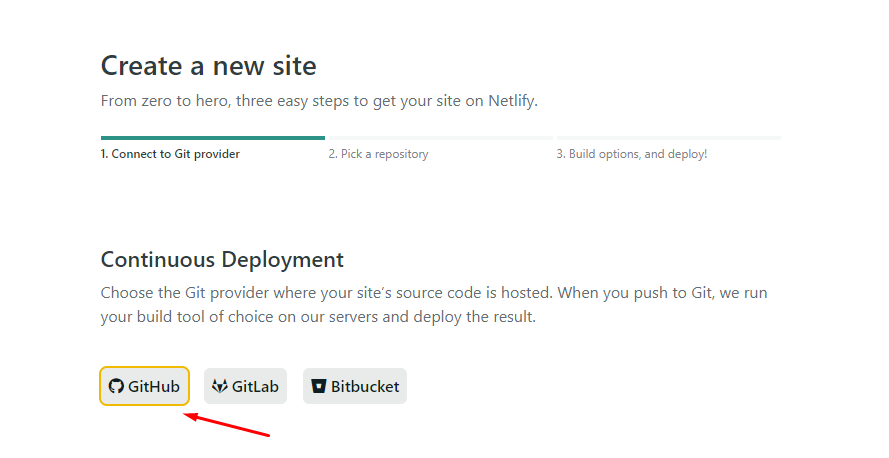
**S3\_ACCESS\_KEY**

**S3\_SECRET\_ACCESS**

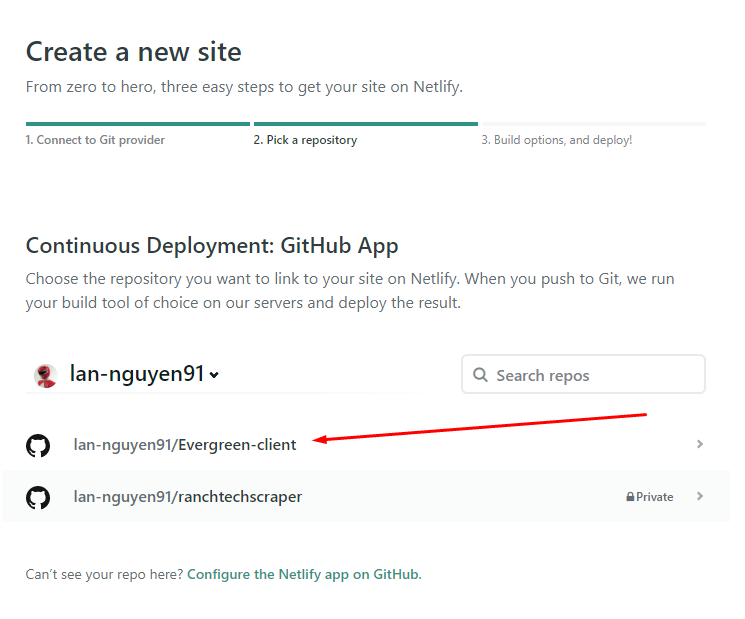
**B) Netlify Set Up, this is for your front-end**

1./ enable github integration

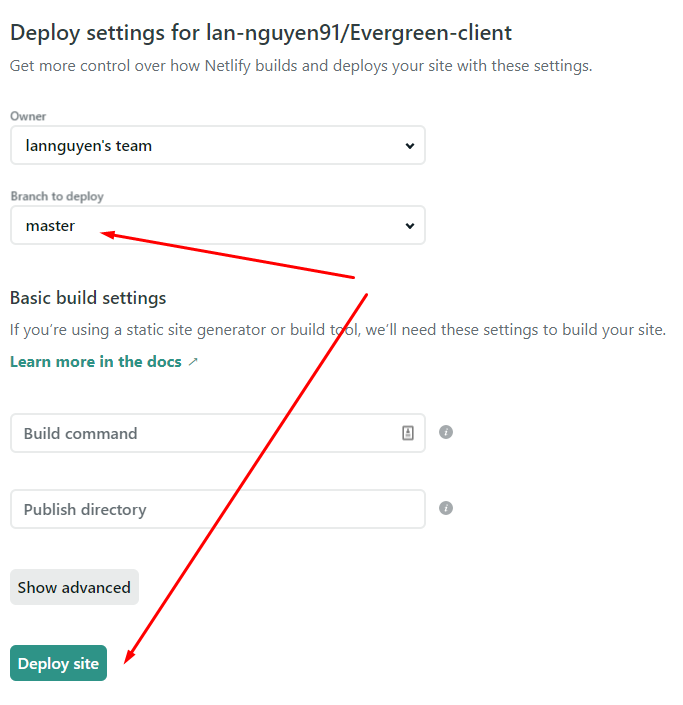
****

2./ Choose github****

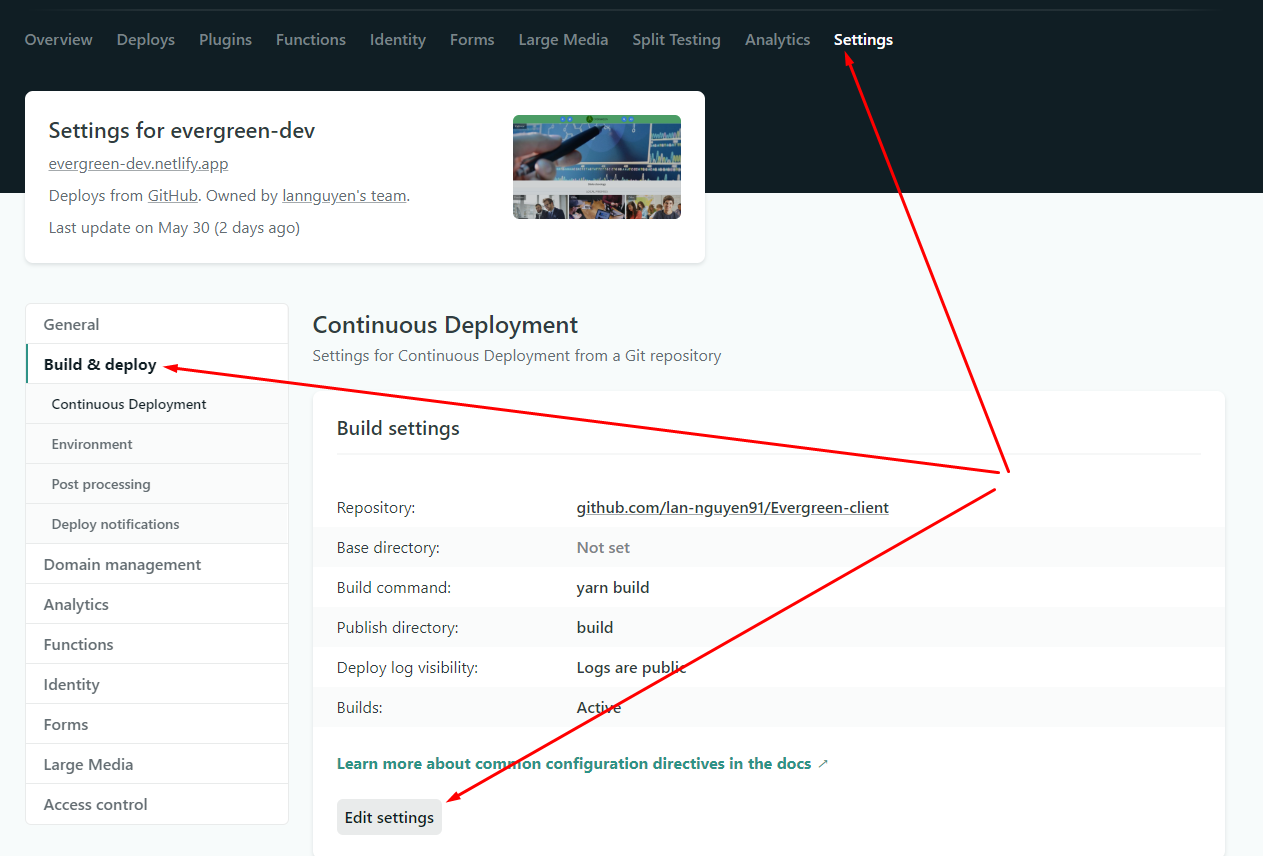
3./ Authorize github and choose the your client repository

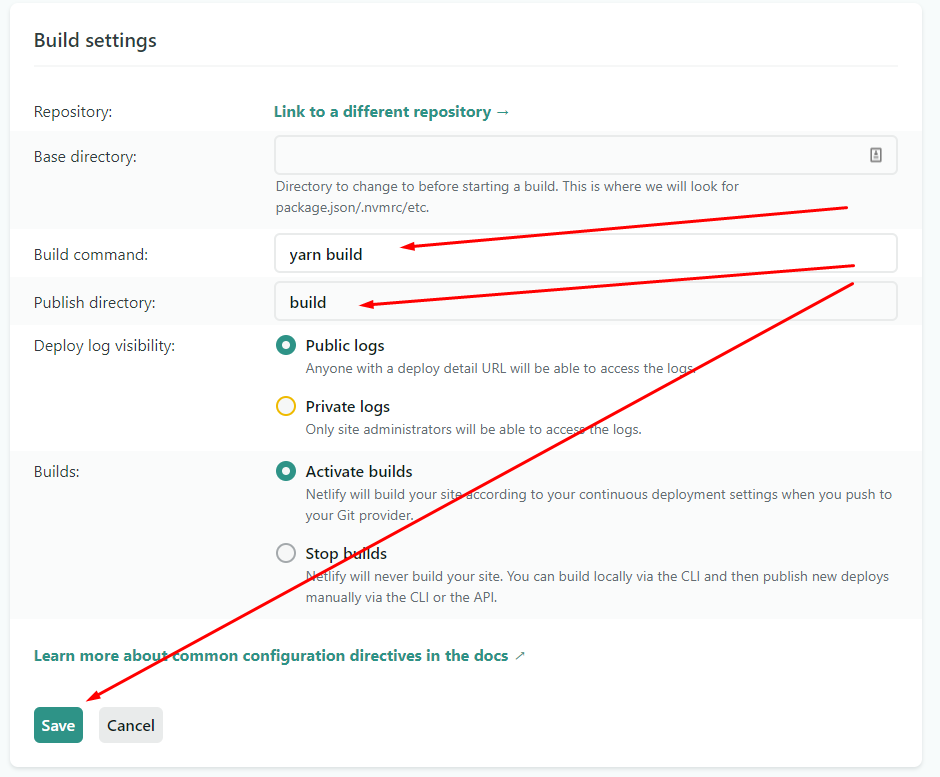


4./ Choose the branch and click deploy

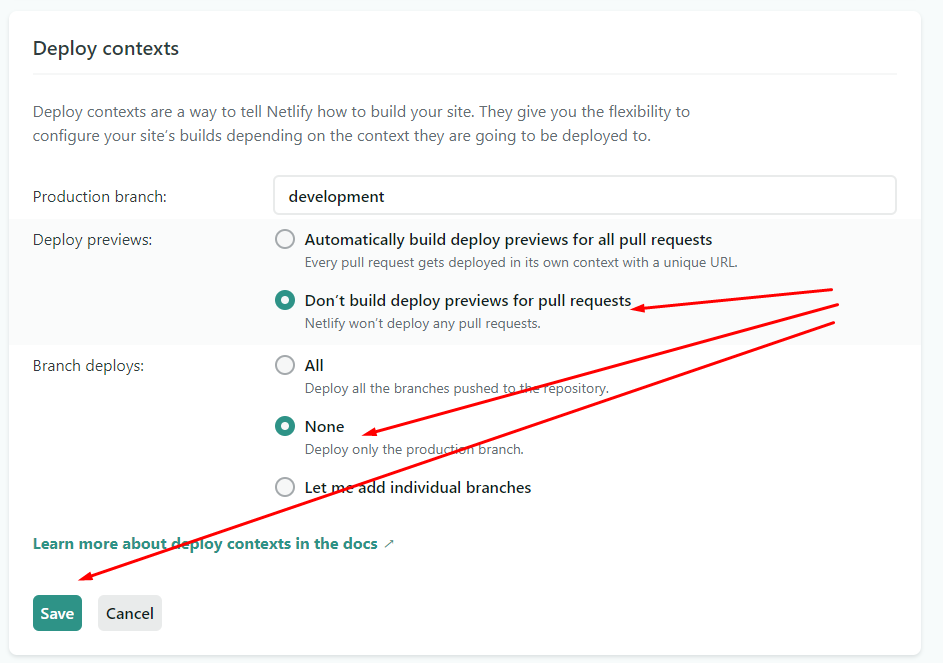


5./ Let configure some deploy settings

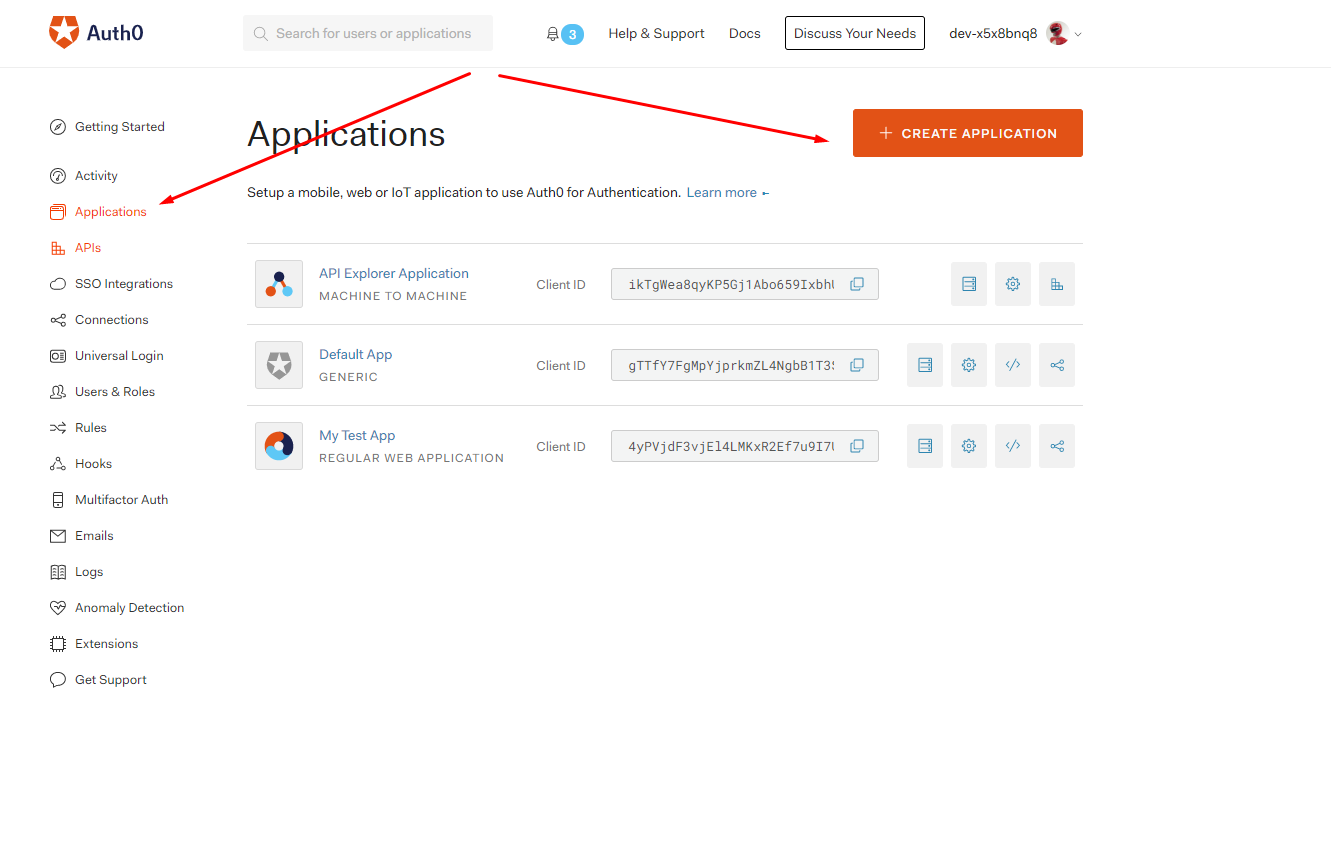


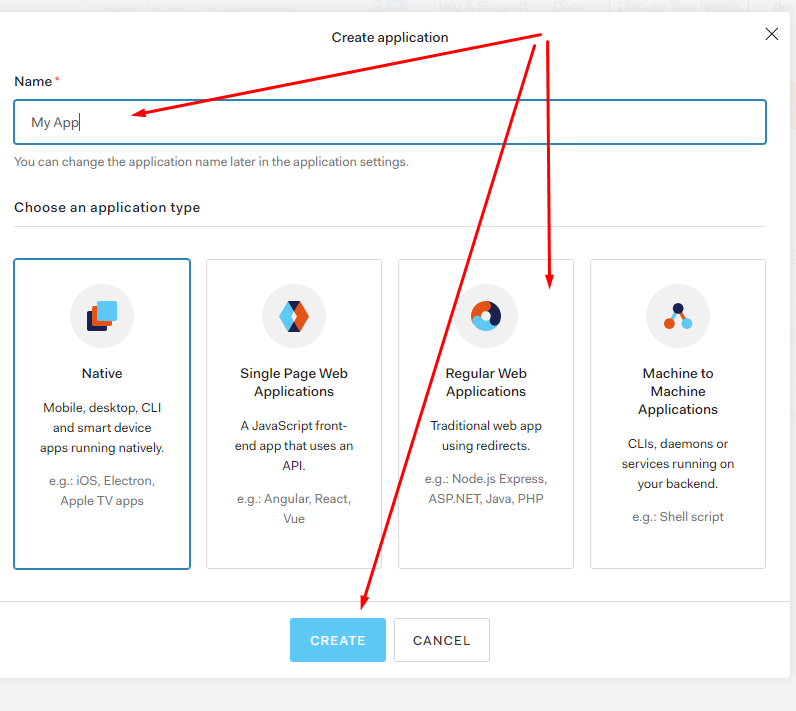


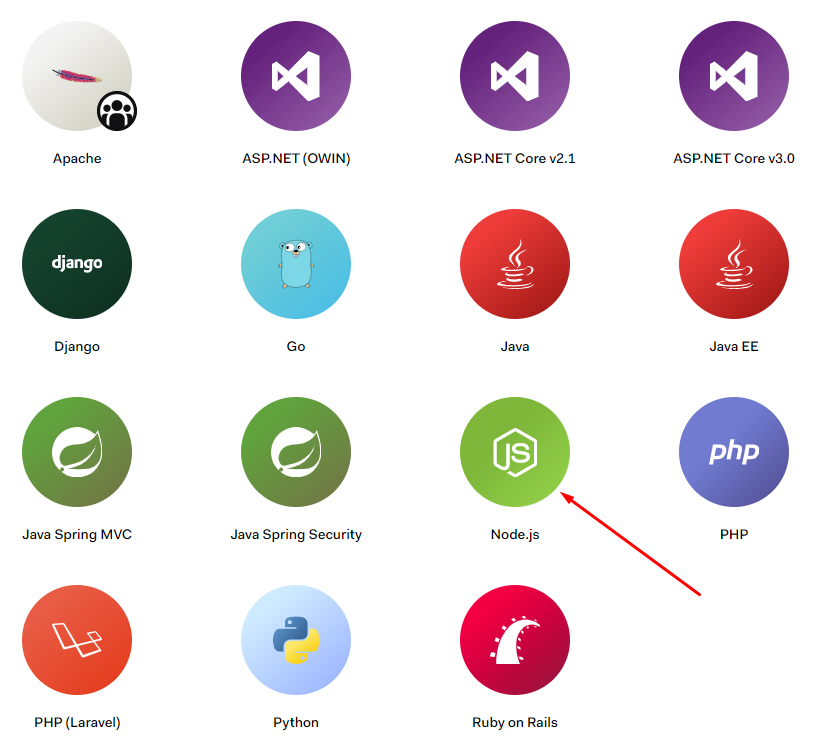
On Deploy Context



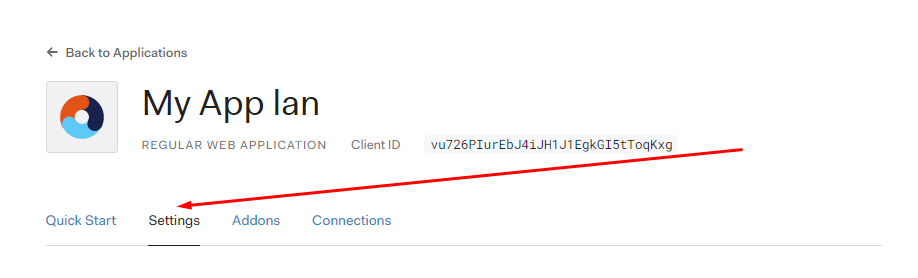
**C) Auth0 Set Up** <http://auth0.com>

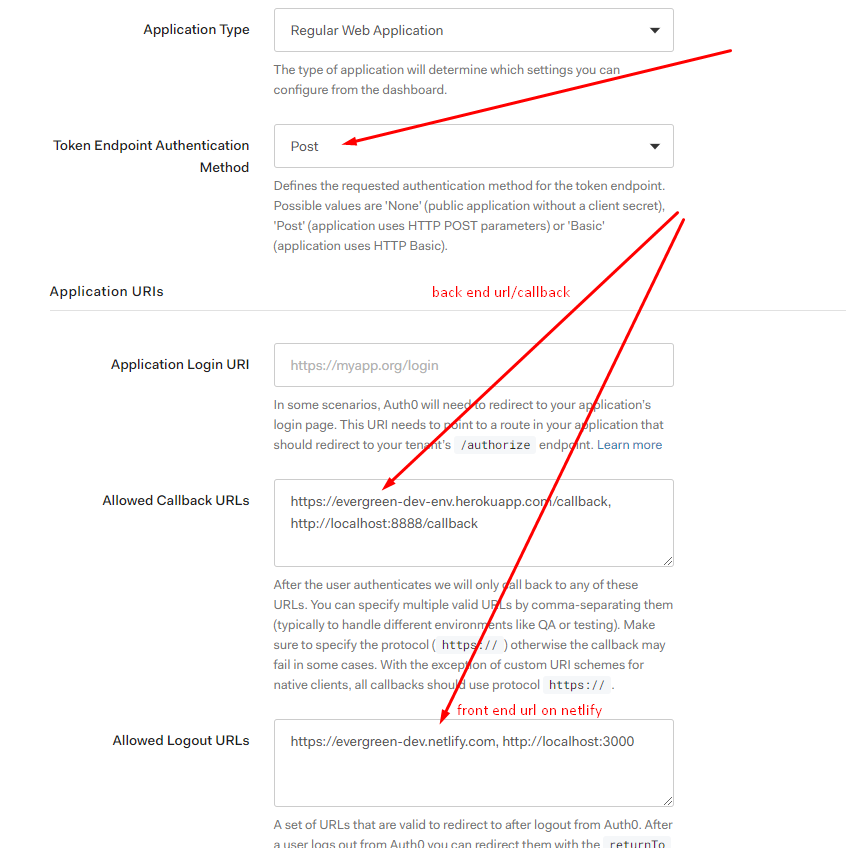


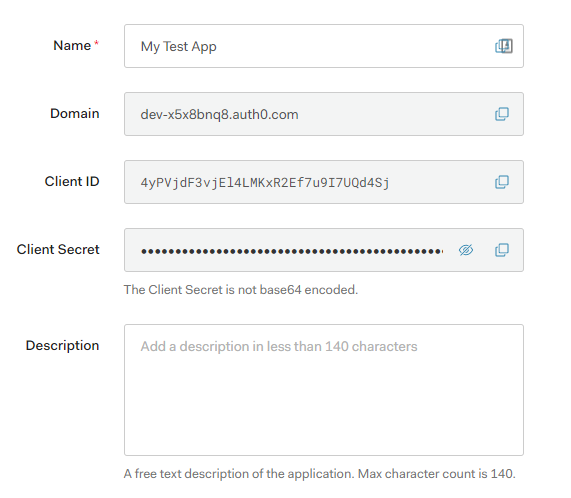




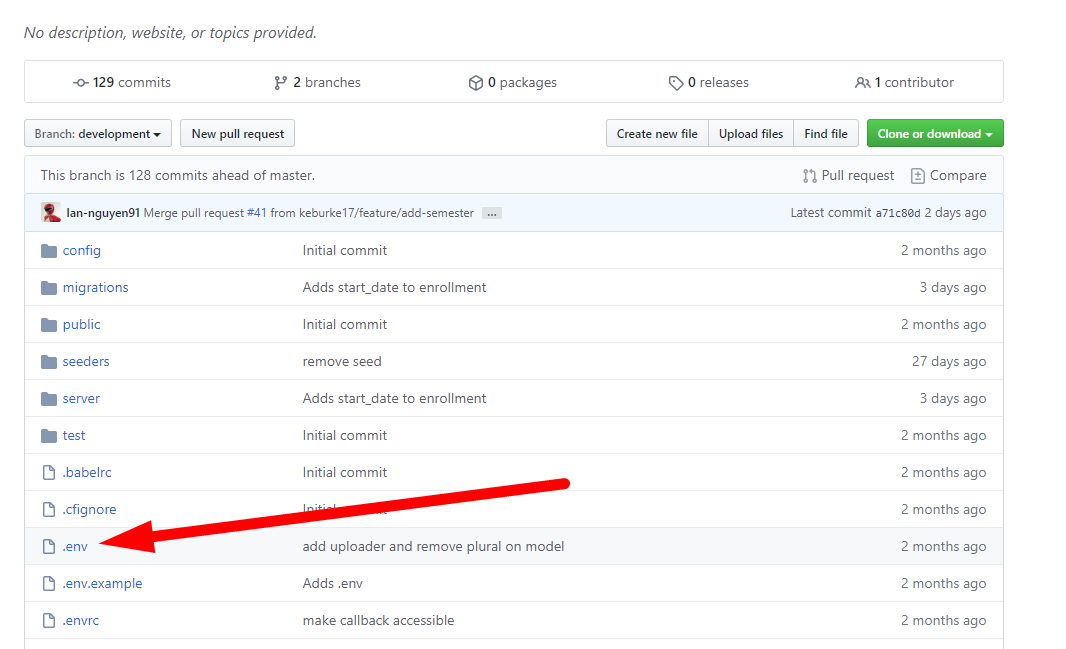
Click on Settings





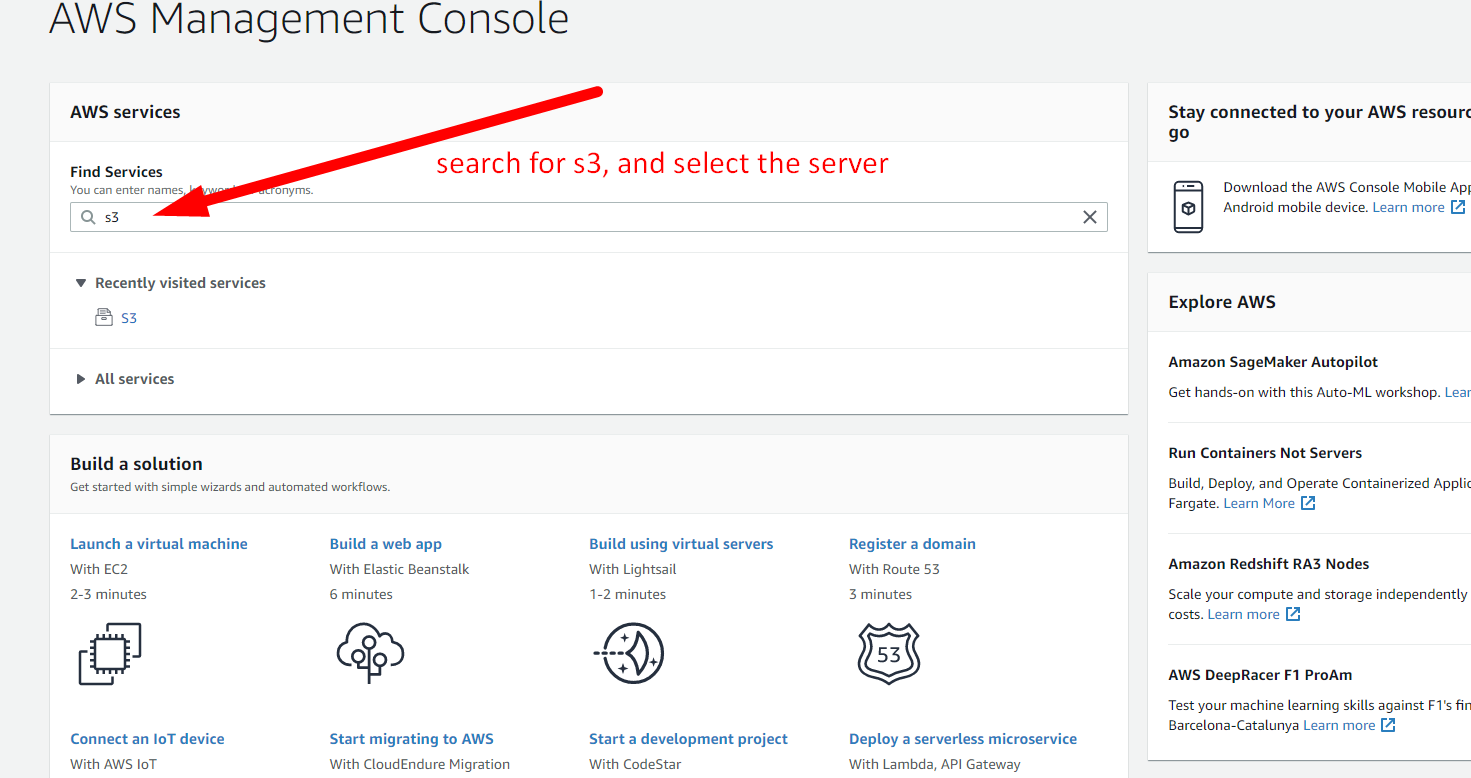


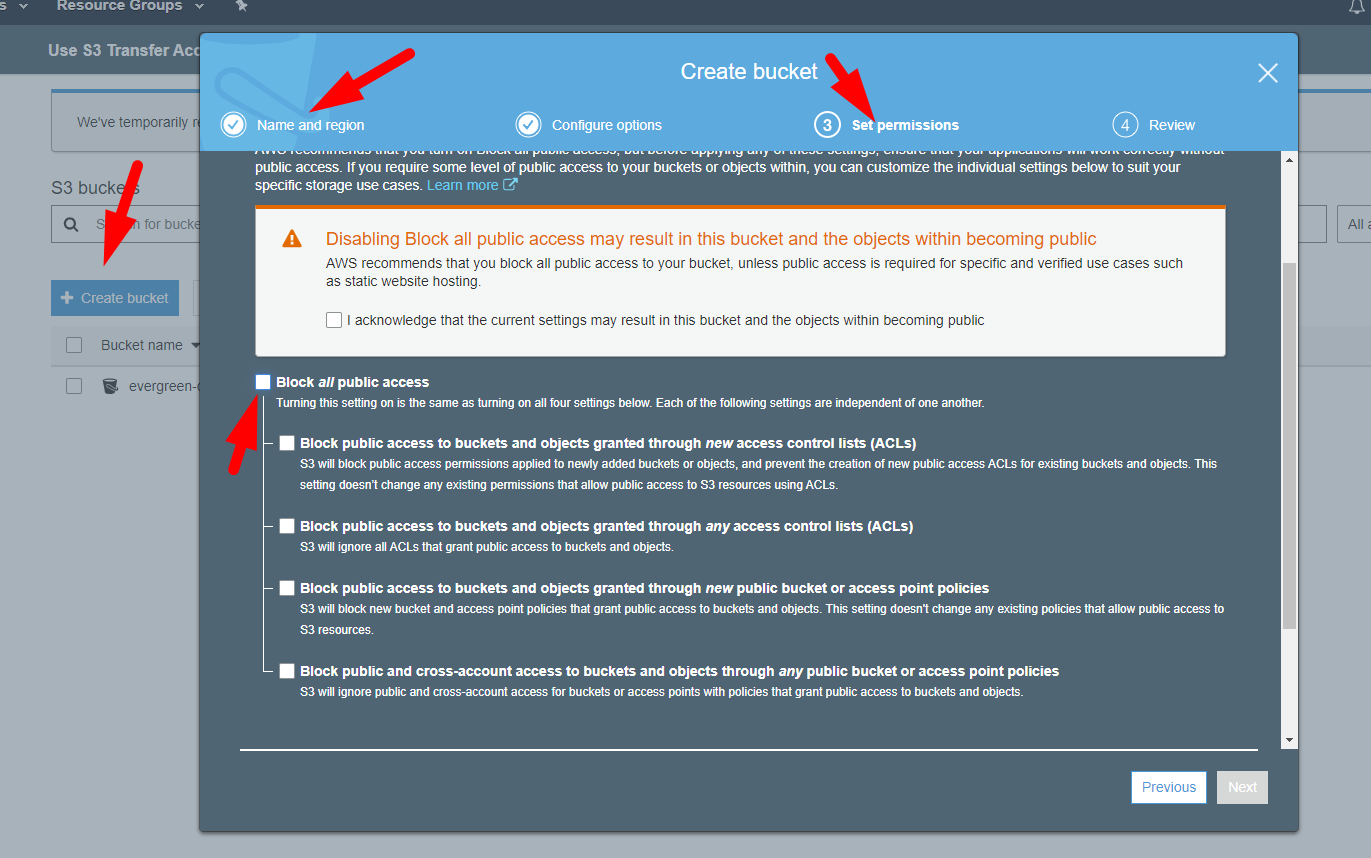
All the information are important to later put in your github production branch



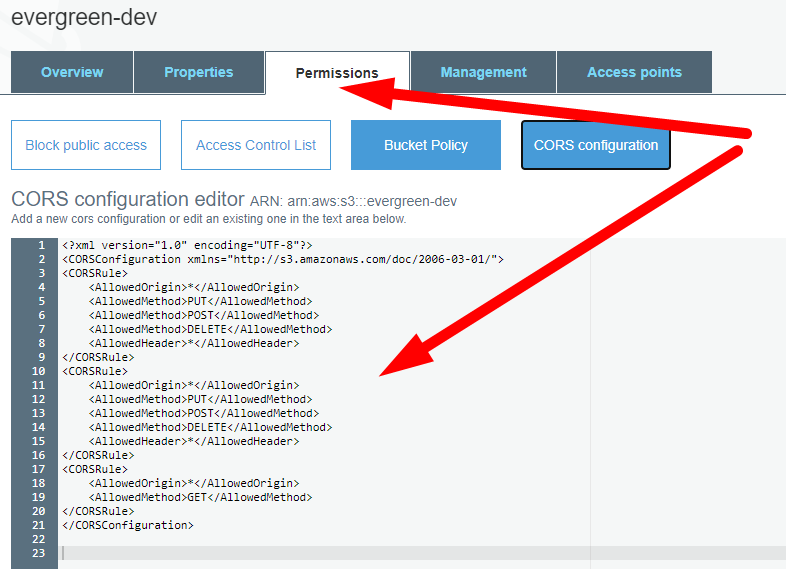
**D) S3 Set up**

1./ set up a bucket

****

****

2./ Enable cors so the web app can upload, click on the bucket to view detail page



<?xml version="1.0" encoding="UTF-8"?>

<CORSConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/">

<CORSRule>

<AllowedOrigin>\*</AllowedOrigin>

<AllowedMethod>PUT</AllowedMethod>

<AllowedMethod>POST</AllowedMethod>

<AllowedMethod>DELETE</AllowedMethod>

<AllowedHeader>\*</AllowedHeader>

</CORSRule>

<CORSRule>

<AllowedOrigin>\*</AllowedOrigin>

<AllowedMethod>PUT</AllowedMethod>

<AllowedMethod>POST</AllowedMethod>

<AllowedMethod>DELETE</AllowedMethod>

<AllowedHeader>\*</AllowedHeader>

</CORSRule>

<CORSRule>

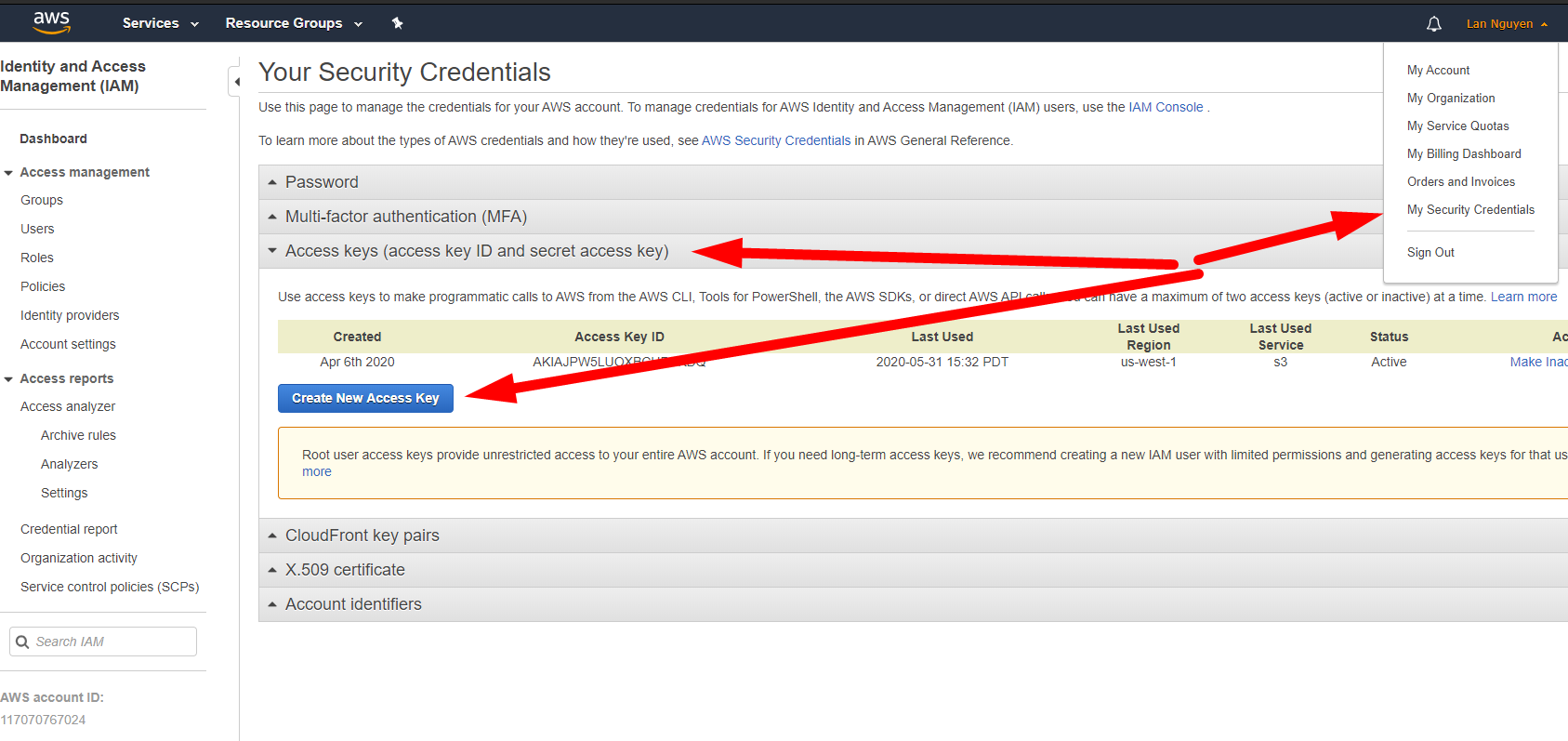
<AllowedOrigin>\*</AllowedOrigin>

<AllowedMethod>GET</AllowedMethod>

</CORSRule>

</CORSConfiguration>

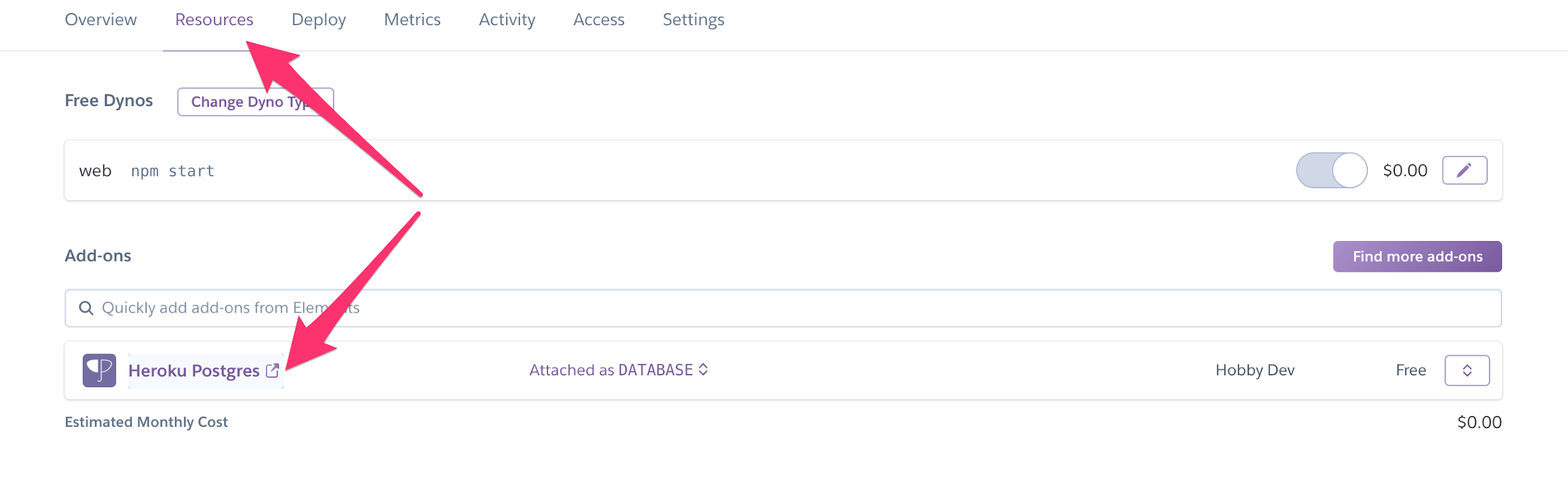
3./ Credentials for accessing bucket



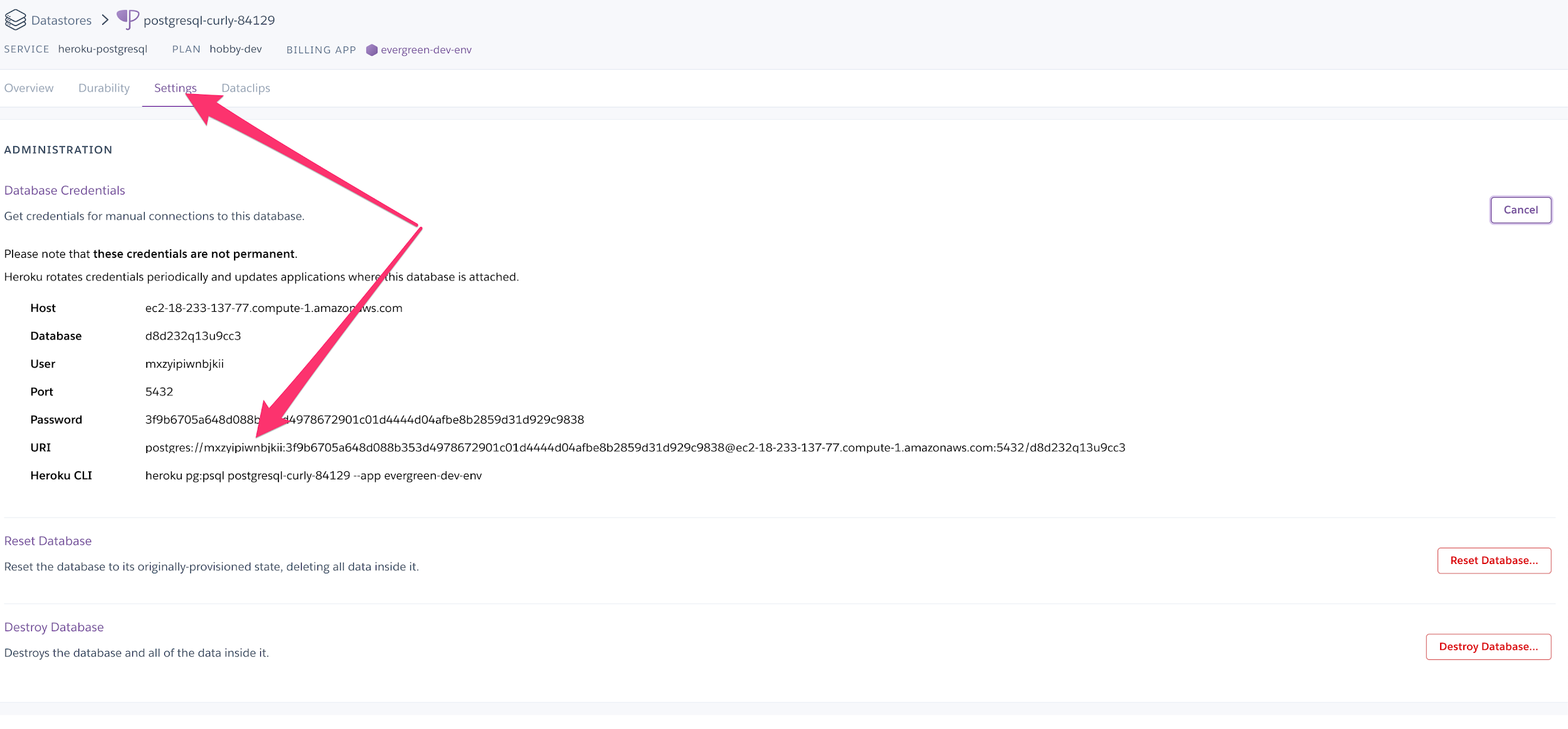
This credential will be going into the .env file similar to auth0 credentials.

DATABASE OPERATION

* Export, you need a postgres cli install locally, if you are on a Mac, you can download one here <https://postgresapp.com/>, make sure you get version 12
* Make sure you follow step 1,2,3 - Step 3 being the most important one
* Go to Heroku to get db url



Grab URL from setting page



SQL export command run in a terminal

**$** **pg\_dump [url] -f [file\_name]**

Ex: pg\_dump <https://google.com> -f test.sql

SQL import command run in a terminal

**$** **psql url < dataset.sql**

Ex: psql postgres://sokdkvqtvbdqne:62ec8ba1b54f640c8563dc507b855d9f8b2e5eddda063a9329cee00799ff94c7@ec2-34-230-231-71.compute-1.amazonaws.com:5432/d131v53u5co8de < test\_set\_2.sql