**IMPORTANT: The steps might be in different order here, follow along with the video.**

// Once you signup to digital ocean, you will get the ip address.

// Use this to login via ssh using your terminal or command prompt.

ssh root@123.456.75.31

// add new user

adduser fsadmin

// make new user admin

usermod -aG sudo fsadmin

// add admin to sudo users list

sudo su fsadmin

// try exit and login as fsadmin to see if works

// only if it works, remove root user login authority for security

// remove root user rights

// hit i to edit file

sudo vim /etc/ssh/sshd\_config

// change 'PermitRootLogin yes' to the following:

PermitRootLogin no

// to save and exit press ESC in your keyboard and type :wq Then hit Enter

// ESC :wq

// to make sure the changes are applied

sudo service ssh restart

// now if you try login with ssh root@178.128.75.31 you cant!!!

// install node and npm in digital ocean

curl -sL https://deb.nodesource.com/setup\_16.x -o nodesource\_setup.sh

nano nodesource\_setup.sh

sudo bash nodesource\_setup.sh

sudo apt install nodejs

curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.38.0/install.sh | bash

source ~/.bashrc

nvm list-remote

nvm install v16.14.0

git clone https://github

ls

cd project

sudo apt-get install nginx

// go to root directory

cd

cd /etc/nginx/sites-available

ls

sudo vim default

// hit i to edit

// replace location / codeblock with the following code:

// your api will run on /api on port 8000

// your react app will run on / port 3000

location /api {

proxy\_pass http://localhost:8000;

proxy\_http\_version 1.1;

proxy\_set\_header Upgrade $http\_upgrade;

proxy\_set\_header Connection 'upgrade';

proxy\_set\_header Host $host;

proxy\_cache\_bypass $http\_upgrade;

}

location /{

proxy\_pass http://localhost:3000;

proxy\_http\_version 1.1;

proxy\_set\_header Upgrade $http\_upgrade;

proxy\_set\_header Connection 'upgrade';

proxy\_set\_header Host $host;

proxy\_cache\_bypass $http\_upgrade;

}

// make sure no errors

sudo nginx -t

// restart Nginx after making those changes

sudo systemctl restart nginx

cd

// get into project and create .env and add env variables

cd project

sudo touch .env

sudo vim .env

// copy paste your env variables for production use

// run npm install inside project and also inside react-front(later)

cd

cd project

npm install

sudo npm install pm2 -g

pm2 start app.js

// now you api is live all time

// sometime you might want to restart pm2

pm2 restart all

/\*\*

\* USE MONGODB - DIGITAL OCEAN

\*/

// https://www.digitalocean.com/community/tutorials/how-to-install-mongodb-on-ubuntu-18-04

echo "deb http://repo.mongodb.org/apt/ubuntu xenial/mongodb-org/3.2 multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-3.2.list

sudo apt update

sudo apt install -y mongodb

// you should see the active (running) status printed in console

sudo systemctl status mongodb

// show databases

mongo

show dbs

use cluster0

// update .env

mongodb://127.0.0.1:27017/nodeapi

pm2 restart app.js

pm2 start npm -- start

// perfect!!!

// The API is now live as well as your react frontend!