# Install Nginx

<https://www.digitalocean.com/community/tutorials/how-to-install-nginx-on-debian-9>

<https://medium.com/@utkarsh_verma/configure-nginx-as-a-web-server-and-reverse-proxy-for-nodejs-application-on-aws-ubuntu-16-04-server-872922e21d38>

sudo apt update

sudo apt install nginx

sudo apt install ufw

sudo ufw allow 'Nginx HTTP'

sudo ufw allow 'OpenSSH'

sudo ufw enable

sudo rm /etc/nginx/sites-available/default

sudo nano /etc/nginx/sites-available/default

server {

listen 80;

server\_name **current\_ip\_address**;

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;

}

}

sudo /etc/init.d/nginx reload

sudo systemctl start nginx

# Install NodeJs and clone server’s source code

<https://tecadmin.net/install-latest-nodejs-npm-on-debian/>

sudo apt install git

git clone https://github.com/minhtuan2000/TwitchHighlight.git

sudo apt-get install curl software-properties-common

curl -sL https://deb.nodesource.com/setup\_12.x | sudo bash -

sudo apt-get install nodejs

sudo npm install -g pm2

cd TwitchHighlight/Application/

npm install

mkdir assets/log

# Install Python3.7

<https://linuxize.com/post/how-to-install-python-3-7-on-debian-9/>

sudo apt install build-essential zlib1g-dev libncurses5-dev libgdbm-dev libnss3-dev libssl-dev libreadline-dev libffi-dev wget

curl -O https://www.python.org/ftp/python/3.7.3/Python-3.7.3.tar.xz

tar -xf Python-3.7.3.tar.xz

cd Python-3.7.3

./configure --enable-optimizations

make -j 8

make (if out of memory)

sudo make altinstall

sudo pip3.7 install tcd

sudo pip3.7 install numpy

sudo pip3.7 install sklearn

Copy to ~/.config/tcd/settings.json

"timeonly": {

"comments": {

"format": "[{timestamp[relative]}]",

"ignore\_new\_messages": true,

"timestamp": {

"relative": "%X"

}

},

"output": {

"format": "{id}.txt",

"timestamp": {

"absolute": "%x"

}

}

}

# *Sustain the server*

sudo apt install dnsutils

pm2 start index.js

pm2 save

pm2 startup

Follow the instructions

Set startup\_script metadata

#! /bin/bash

sleep 10

sudo /home/minhtuan270820000/TwitchHighlight/Application/startup.sh &