

Setup Project

1. SSH EC2

2. Update packages repo
\$ sudo apt update

4. Install nodejs from <https://github.com/nodesource/distributions#deb>

3. Install nginx and git
\$ sudo apt install nginx git

5. Install PM2 (Process Manager)
\$ sudo npm install pm2 -g

5. Change ownership of /var/www from root to www-data
\$ sudo chown -R www-data:www-data /var/www

5. To switch user to www-data:
\$ sudo -Hu www-data bash

6. Change directory to /var/www
\$ cd /var/www

7. Generate ssh keys for www-data user. Do not set custom path.
\$ ssh-keygen

8. Copy contents of ~/.ssh/id_rsa.pub to Deploy Keys of Github
\$ cat ~/.ssh/id_rsa.pub (to view contents of id_rsa.pub file)

9. Clone project
\$ git clone git@github.com:prabidhilabs/safarflights.git

10. Go to project directory
\$ cd safarflights

10. Install node modules
\$ npm install

11. Build project
\$ npm run build

12. Run project using PM2 (First Time Only)
\$ pm2 start "npm run start" --name "sf-web"

13. Switch back or exit to ubuntu or root user
\$ exit

14. Edit nginx default site configuration (/etc/nginx/sites-enabled/)
- remove existing `location / {}` block
- add
proxy to next app server
location / {
 proxy_redirect off;
 proxy_set_header Host \$host;
 proxy_set_header X-Real-IP \$remote_addr;
 proxy_set_header X-Forwarded-For \$proxy_add_x_forwarded_for;
 proxy_set_header X-Forwarded-Proto \$scheme;
 proxy_read_timeout 1m;
 proxy_connect_timeout 1m;
 proxy_pass http://127.0.0.1:3000;
}

15. Test nginx config
\$ sudo nginx -t

16. Restart nginx
\$ sudo service nginx restart

End Setup Project

Update Project

1. SSH EC2 Server
\$ sudo ssh -i "sfec2.pem" ubuntu@ec2-43-204-12-165.ap-south-1.compute.amazonaws.com

-- Auto Steps

- Goto project directory
- Switch User

2. Update project
\$ git pull

3. Build Project
\$ npm run build

4. Restart PM2 project
\$ pm2 restart sf-web