1)Launch an EC2 instance with latest Ubuntu LTS AMI

2)Connect to the console

3)Install nginx

sudo apt update  
 sudo apt install nginx -y

4)Once installed it should show the default nginx page when you visit your domain in address bar of browser

sudo apt-get install curl

5)Next, install Nodejs

curl -sL https://deb.nodesource.com/setup\_15.x | sudo -E bash -

6)Test the NodeJs version and npm version

node -v  
 npm --v

npx create-react-app react-tutorial

7)Now go into directory and build and run, using yarn.  
 yarn install  
 yarn run build  
 yarn start

8)PM2 is a daemon process manager that will help you manage and keep your application online 24/7. Let's install it.

sudo yarn global add pm2

pm2 start yarn --name "React Tutorial" – start

9)In order to start pm2 on system reboot add the following:

pm2 startup systemd

10)Create a new site config in /etc/nginx/sites-available

cd /etc/nginx/sites-available  
 sudo nano react-tutorial

11)The last command will open a text file to be edited. Paste the following code into it while replacing xxx.xx.. with your IP address, add domain name with space, use any one of two or both.

server {

listen 80;

listen [::]:80;

server\_name xxx.xxx.xxx.xxx yourdomain.com;

access\_log /var/log/nginx/reat-tutorial.com.access.log;

error\_log /var/log/nginx/reat-tutorial.com.error.log;

location / {

proxy\_pass http://127.0.0.1:3000;

client\_max\_body\_size 50m;

client\_body\_buffer\_size 16k;

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;

}

}

12)Save and exit the file with Ctl+o enter ctrl+x.

13)Next, we need to activate this new site by creating a symlink to new site configuration

sudo ln -s /etc/nginx/sites-available/react-tutorial /etc/nginx/sites-enabled/

14)Make sure that your nginx configuration syntax is error free

sudo nginx -t

15)Restart Nginx

sudo systemctl restart nginx

16)You may want to restart your app also:

pm2 restart "React Tutorial"

17)Now paste the below link

http://54.237.42.222/