Create an EC2 instance for a Reactjs application and deploy the application and provide public ip for it and also enable the cloud monitoring on this instances.

Firstly create Ec2 instance.

1. Open Amazon EC2 and Click on launch instance.
2. Give the instance name
   Here I gave the name as **myserver**
3. Choose the AMI.
   Here I am choosed choosing the Amazon Linux 2 AMI(HVM)- Free tier.
4. Choose the instance type. And choose the existing key pair or create a new key pair.
5. Edit the network settings.
   Select a default VPC and add All traffic from anywhere
6. Now launch the instance.

Now connect the instance.

After connecting the instance ,execute the following commands to complete this task:

- **sudo yum update** to update the packages.
- **sudo yum install node. js** to install nodejs
- **curl -o-https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh** | bash to install content in the github repository.
- **. ~/.nvm/nvm.sh** to manage node versions in our device.
- **nvm install --lts** to install specific version of a node.
- **nvm install 16** to install the 16th version of the node.
- **node –version** to check the version of the node with command
- **npx create-react-app my-app** to install the react js application
- **sudo yum install git** to install git to take the reactjs application from guthub.
- **git clone** **https://github.com/ItzDerock/youtube-downloader-website** to clone the application which is in the repository.
- **cd youtube-downloader-website** to go to the directory of the application.
- **npm install** to install npm
- **npm run build** to build the application.
- **npm run start** to run the application.

You can access my application using port:3000

The public IP for the EC2 instance for my reactjs application is : http://3.80.253.139:3000/

Then do the Cloud Monitoring on the instance :

- Select instance.
- Select the drop down menu of actions.
- Select monitoring and troubleshoot. In that, choose detailed monitoring.
- Then check the enable box.
- Now , we can able to see the monitoring of EC2 instance.