**1.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.**

**EC2 for react js application**

**Step 1:** Create an EC2 instance with name.

**Step 2:** Choose an AMI Image as Amazon Linux and Instance type as t2 micro.

**Step 3:** Create a key pair and select the newly created key pair.

**Step 4:**Select a default VPC and select the SSH,HTTP,HTTPS and add All traffic from anywhere.

**Step 5:** Launch the EC2 instance and connect the EC2 instance.

**Step 6:** After connecting the instance execute the command **sudo yum update** to update the packages.

**Step 7:** After that install the node js using **sudo yum install node. js**

**Step 8:** After installed the node js execute the command **curl -o-https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash** to install content in the github repository.

**Step 9:** After this execute the command **. ~/.nvm/nvm.sh**  to managing node versions in our device.

**Step 10:** After this we have to install specific version of a node using the command **nvm install --lts**

**Step 11:** Now install the specific version of the node with the command **nvm install 16**

**Step 12:**Now the check the version of the node with command **node –version**

**Step 13:** Now install the react js application with the help of **npx create-react-app my-app**

**Step 14:** Now install the npm(Node Package Manager) **npm install -g npm@9.6.2**

**Step 15:** Now start the application with **npm start**

**Step 16**: To deploy a sample applications for react js go to the application with command

cd my call and clone the application using git. So we have to install git using the command **sudo yum install git** and execute the command **git clone** [**https://github.com/snehal-herovired/Devops\_Batch\_Aditya**](https://github.com/snehal-herovired/Devops_Batch_Aditya)**.**

**Step 17**: After this go to the directory of the application using cd Devops\_Batch\_Aditya and go to the directory of amazonreact.

**Step 18:** Now install the npm using **npm install**

**Step 19**: Now build an application using the command **npm run build**.

**Step 20:** Now run the application using the command **npm run start**.

After completion of the ec2 instance for react js application.we have to enable the cloud monitoring of this instance.

Public IP: 43.207.51.29