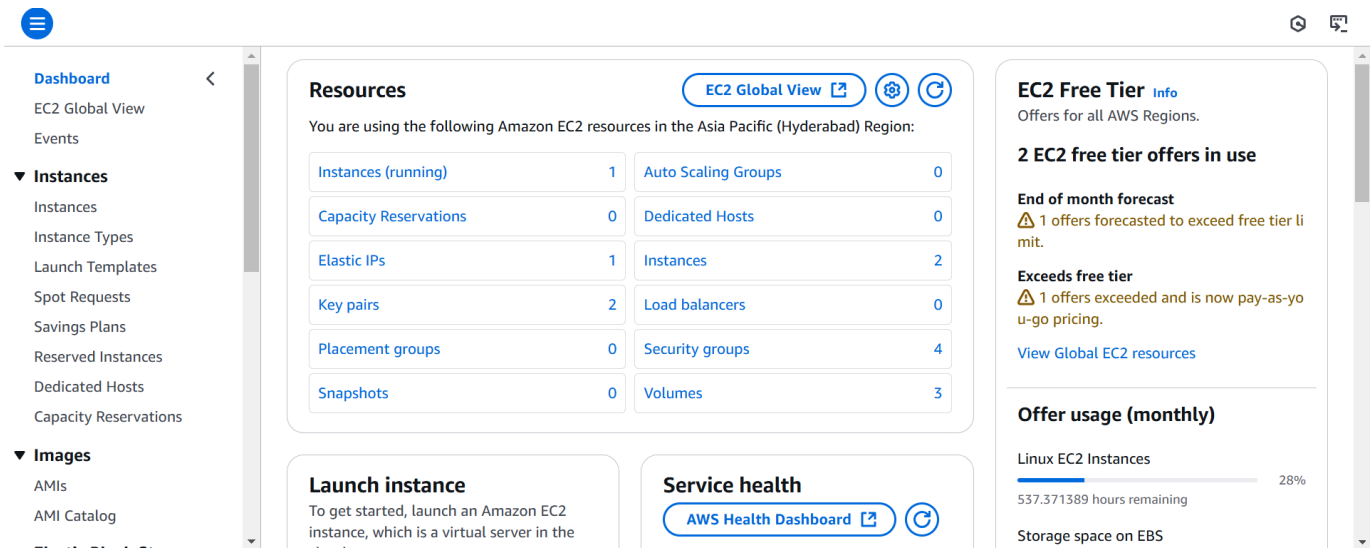
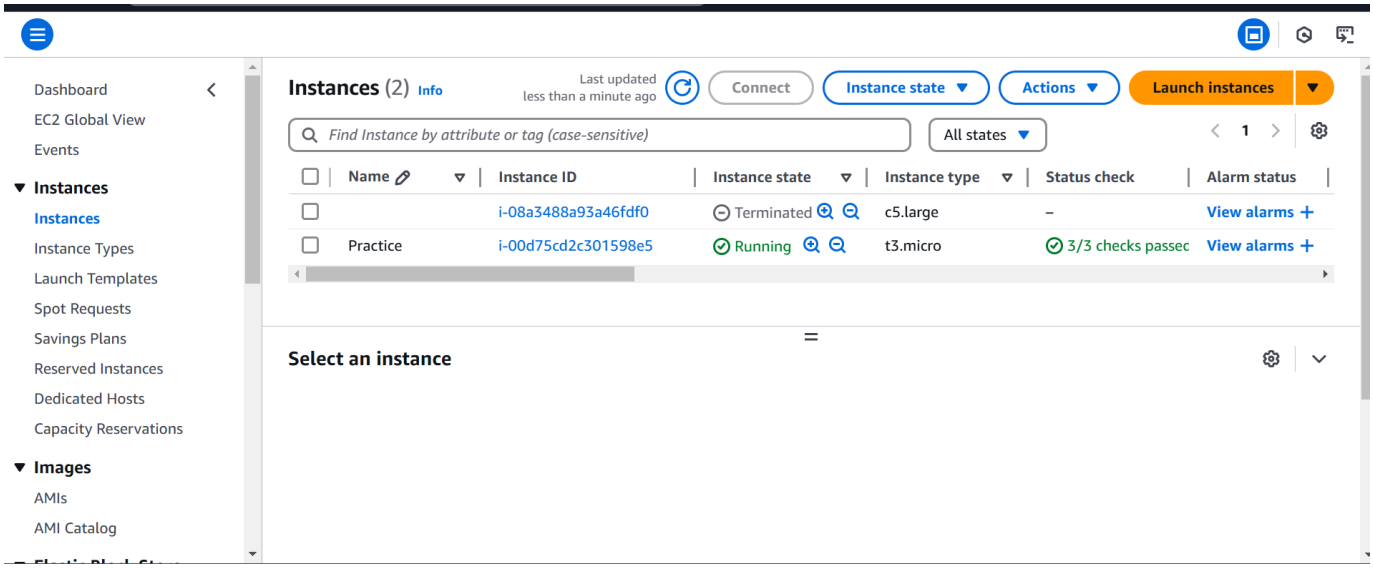
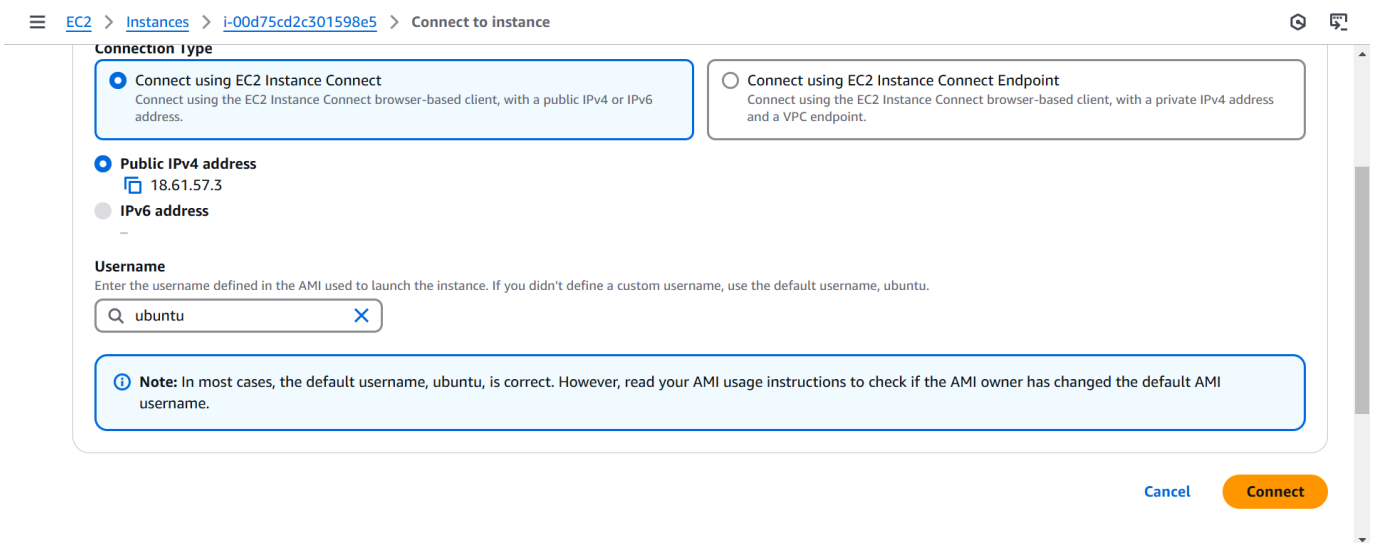
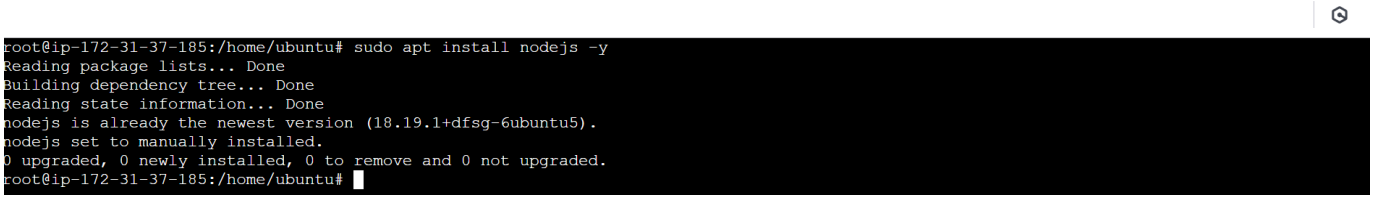



## *Step 3: Connect to your Ec2 instance*

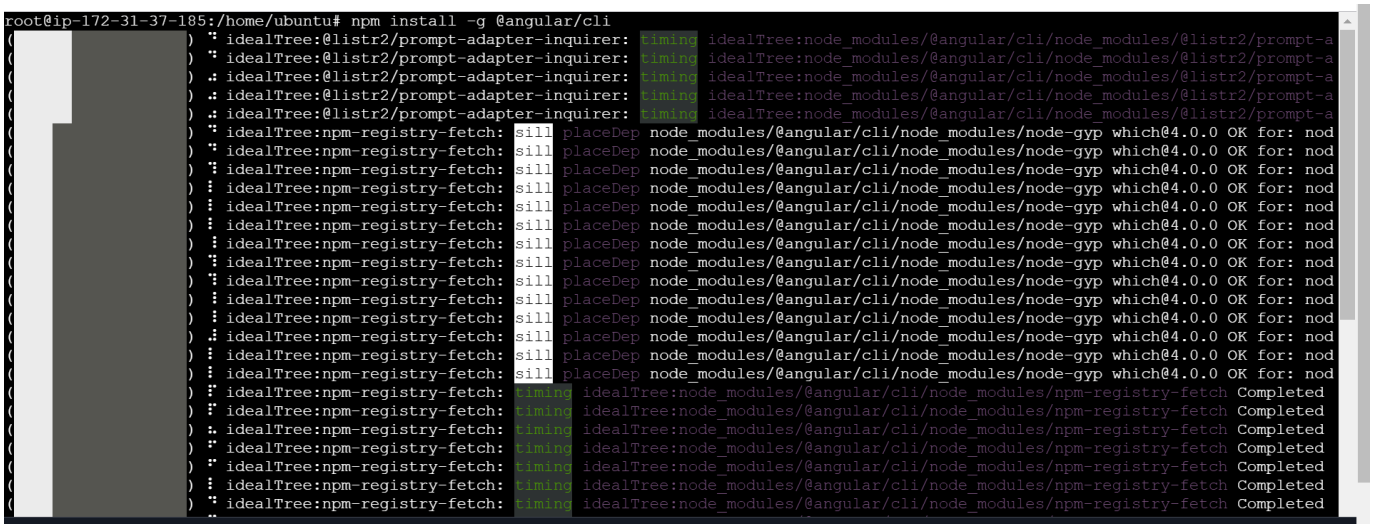





*Step 4: Download and install Nodejs and npm. Use the following commands.*



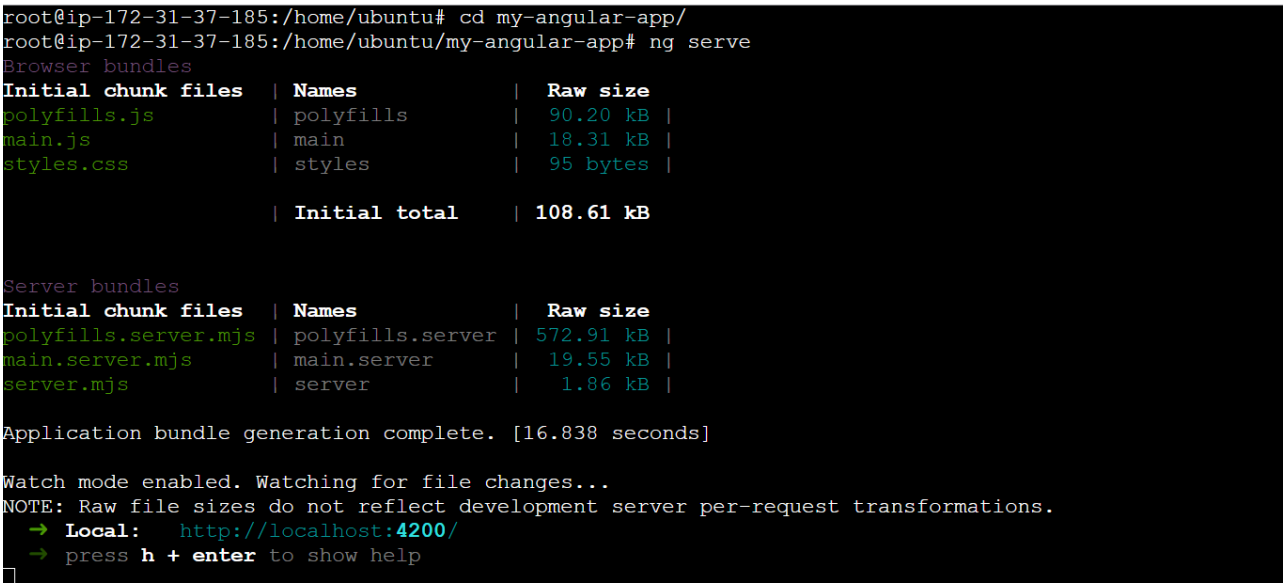

- *Npm install -g @angular/cli ( Install Angular CLI globally).*




- *Ng new my-angular-app, cd my-angular-app ( Create a new Angular app and go inside the created director).*

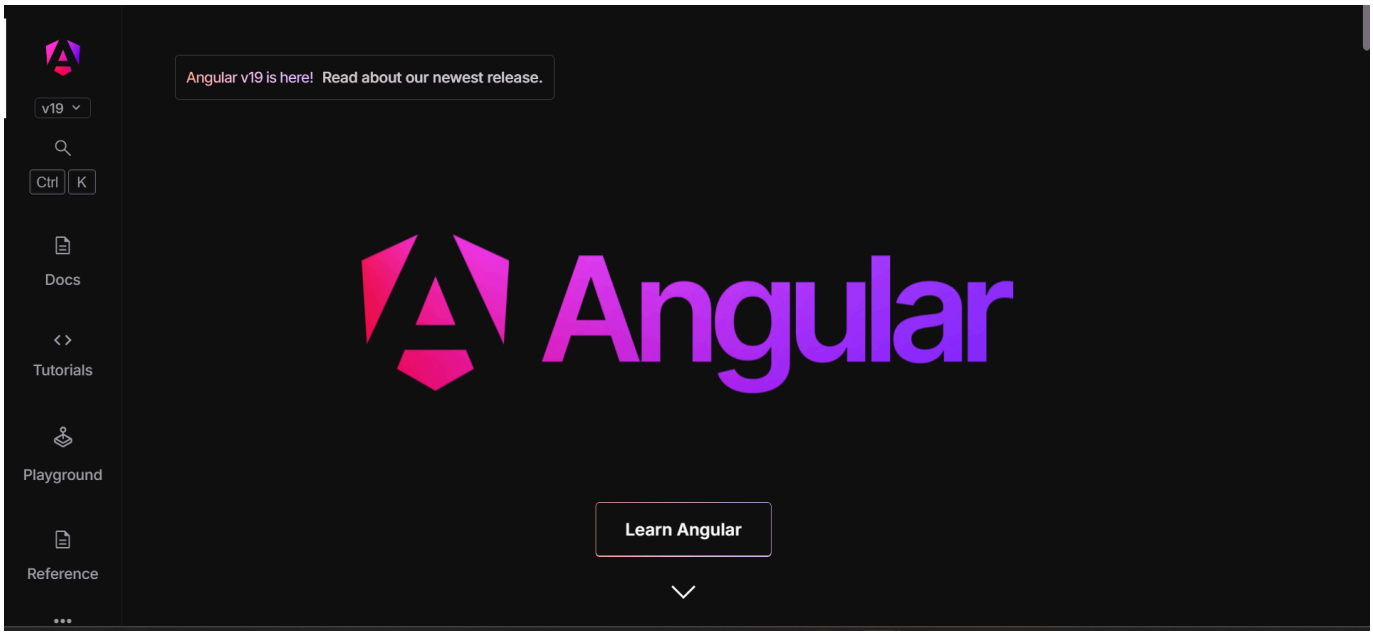
```
root@ip-172-31-37-185:/home/ubuntu# cd my-angular-app/
root@ip-172-31-37-185:/home/ubuntu/my-angular-app#
```

- *Ng serve(Test the Angular app locally).*




- *Ng build –-prod / ng build –-configuration production ( Build the production-ready app . The build files will be in the dist/my-angular-app folder).*

- *In the network settings of your ec2 instance, add all SSH, HTTP, and a custom TCP rule for your application port (e.g., 4200).*
- *Copy your ec2 instance public IP address or the private IP address along with your application port id and paste it into the web browser and your application is good to go.*




***Method 2 :***
***With Dockerize***

*Step 1 : Create a Dockerfile in the root of your Angular project.*

```
# Use a lightweight web server
FROM nginx:alpine

# Copy built Angular files to the NGINX HTML folder
COPY dist/<project-name> /usr/share/nginx/html

# Expose the default NGINX port
EXPOSE 80

# Start NGINX
CMD ["nginx", "-g", "daemon off;"]
```

*Replace <project-name> with the actual name of your Angular project.*

*Step 2 : Build the Docker Image :*

```
docker build -t angular-app .
```

*Step 3: Push the image (Optional )*

*Push the image to docker Hub or any other container registry .*

```
docker tag angular-app <your-dockerhub-username>/angular-app
docker push <your-dockerhub-username>/angular-app
```

*Step 4 : Connect to your Ec2 instance .*

*Step 5 : Pull your docker image from your docker hub or any other registry .*

```
docker pull <your-dockerhub-username>/angular-app
```

*Step 6: Run the container*

```
docker run -d -p 80:80 angular-app
```

*Your Angular app will be now available on http ://<EC2-Instance-IP>*