Assignment – 12

Problem Statement: -

Deploy and run project in AWS without using port.

Steps for deploy and run project in AWS without using port.: -

1. Create **EC2 instance** in AWS and copy public IPv4 address.
2. Configure **Bitvise SSH Client** with public IP and publickey and Log In.
3. Go ubuntu terminal and run bellow commands:
   a. **cd /**
   b. **pwd**
   c. **cd /etc/nginx/sites-available/**
   d. **sudo nano default**

   After that copy below code:

```
location / {
        proxy_pass http://localhost:4000;
        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;
}
```

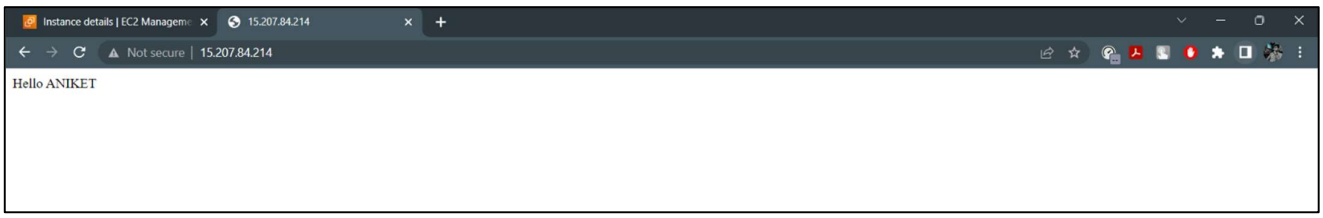
   e. **sudo systemctl restart nginx**
4. Copy Public IPv4 address and paste it in web browser. Now rum the project.

Some snapshots of above process: -

```
ubuntu@ip-172-31-44-206:~$ cd /
ubuntu@ip-172-31-44-206:/$ pwd
/
ubuntu@ip-172-31-44-206:/$ cd /etc/nginx/sites-available/
ubuntu@ip-172-31-44-206:/etc/nginx/sites-available$ sudo nano default
ubuntu@ip-172-31-44-206:/etc/nginx/sites-available$ sudo systemctl restart nginx
ubuntu@ip-172-31-44-206:/etc/nginx/sites-available$
```

Above command run in ubuntu terminal

```
#       location / {
                # First attempt to serve request as file, then
                # as directory, then fall back to displaying a 404.
#               try_files $uri $uri/ =404;
#       }
        location / {
                proxy_pass http://localhost:4000;
                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;
        }
```



Deploy and run the project without port