CS 524 Introduction to Cloud Computing

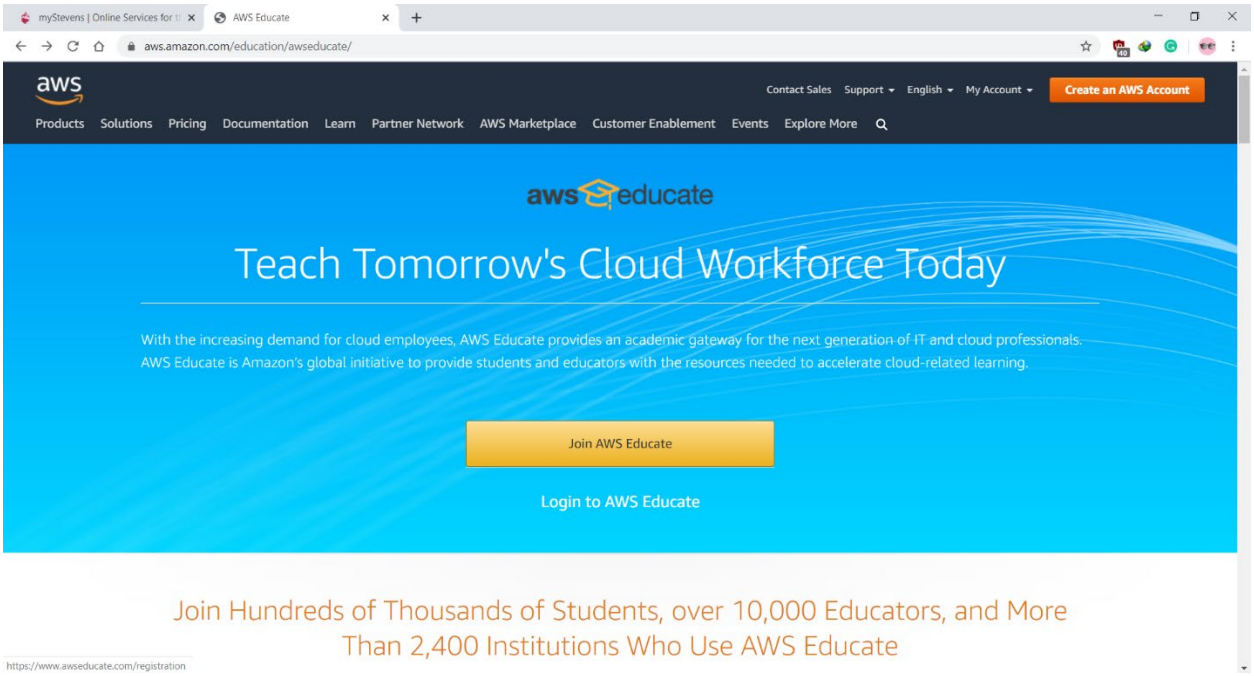
Dharmit Viradia

Lab Assignment 1

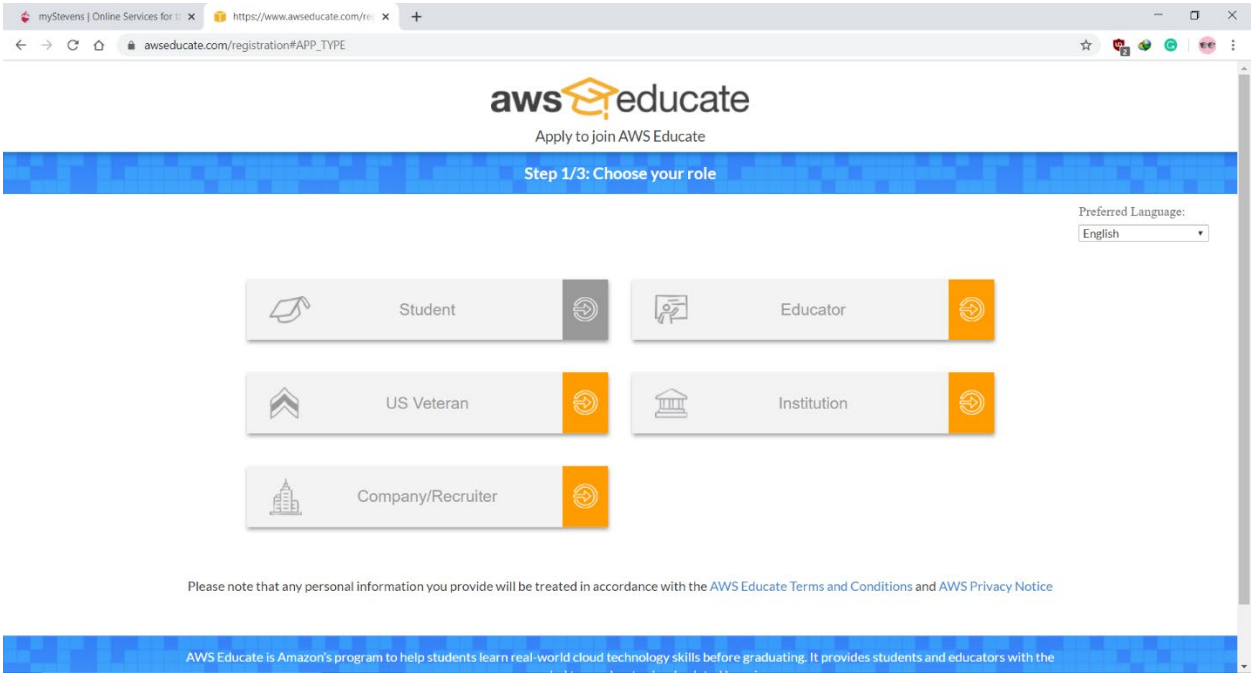
Prof. Igor Faynberg

Step for Creating an AWS account

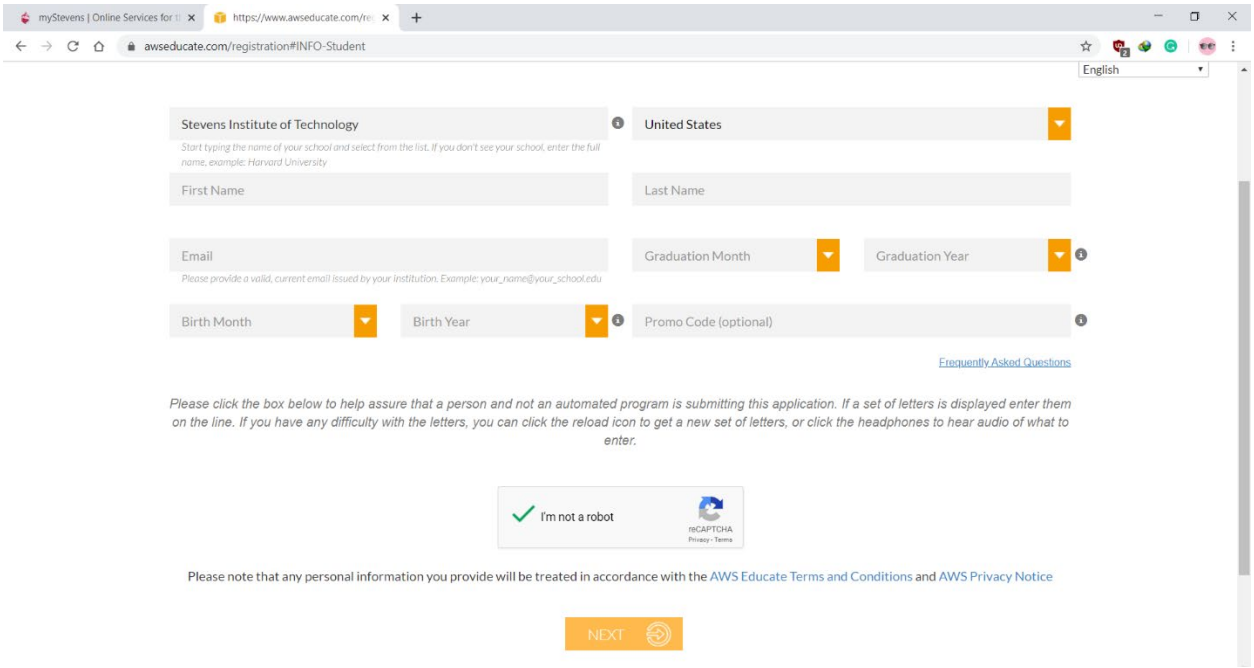
- Signup for AWS Educate for Students



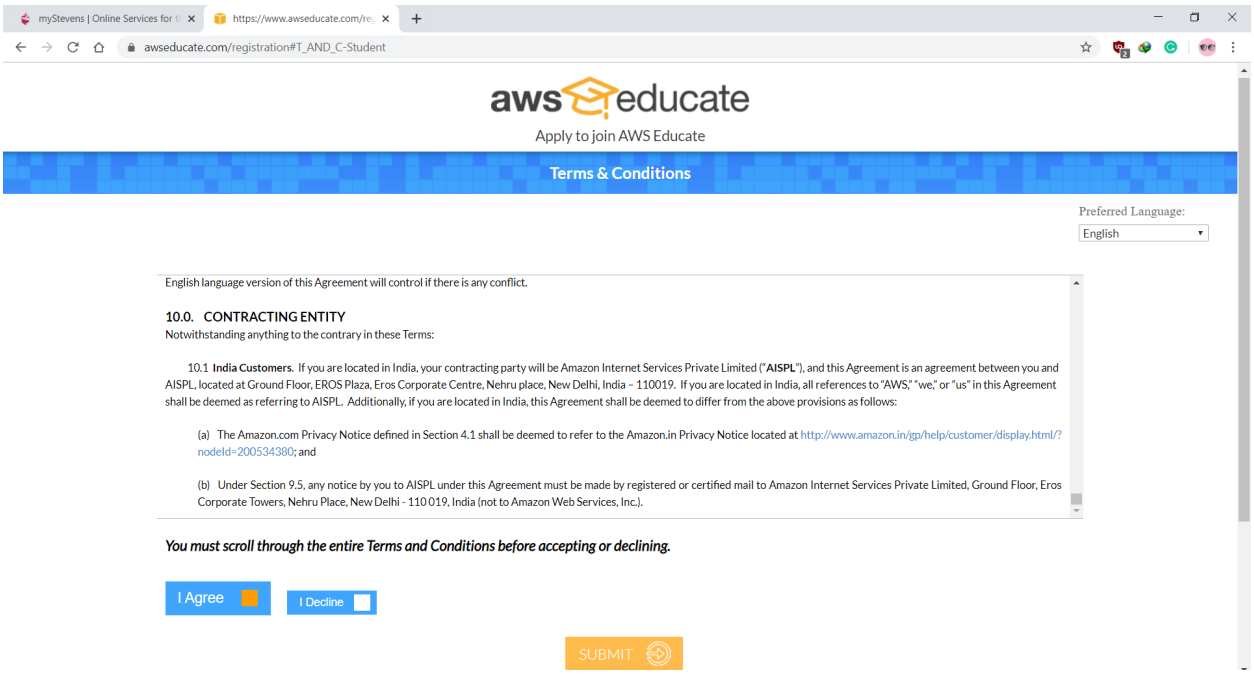
- Choose Role as Student



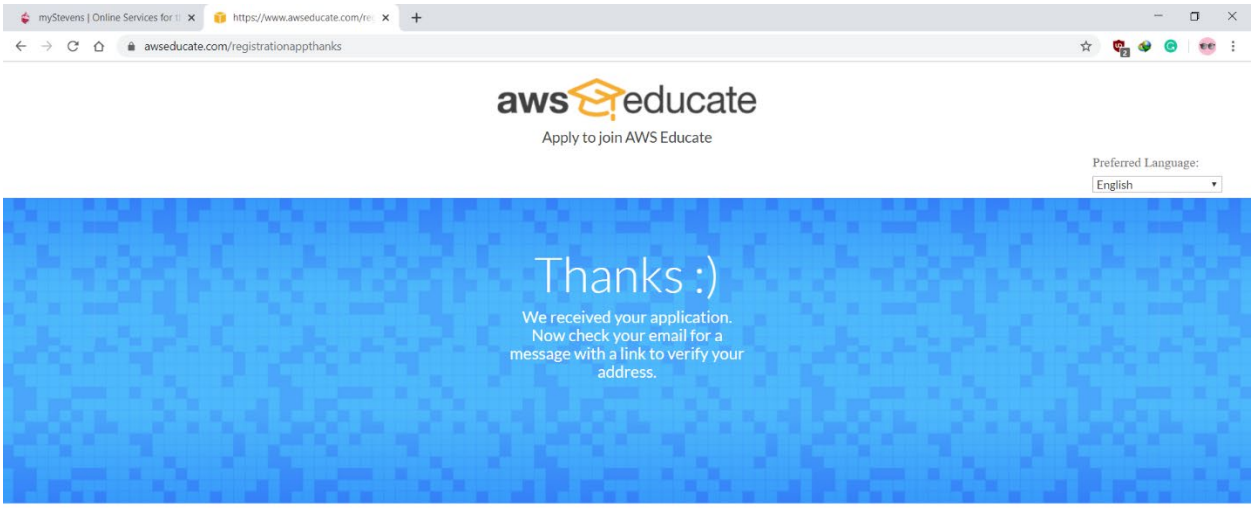
- Fill in Student Details



- Agree to terms and condition

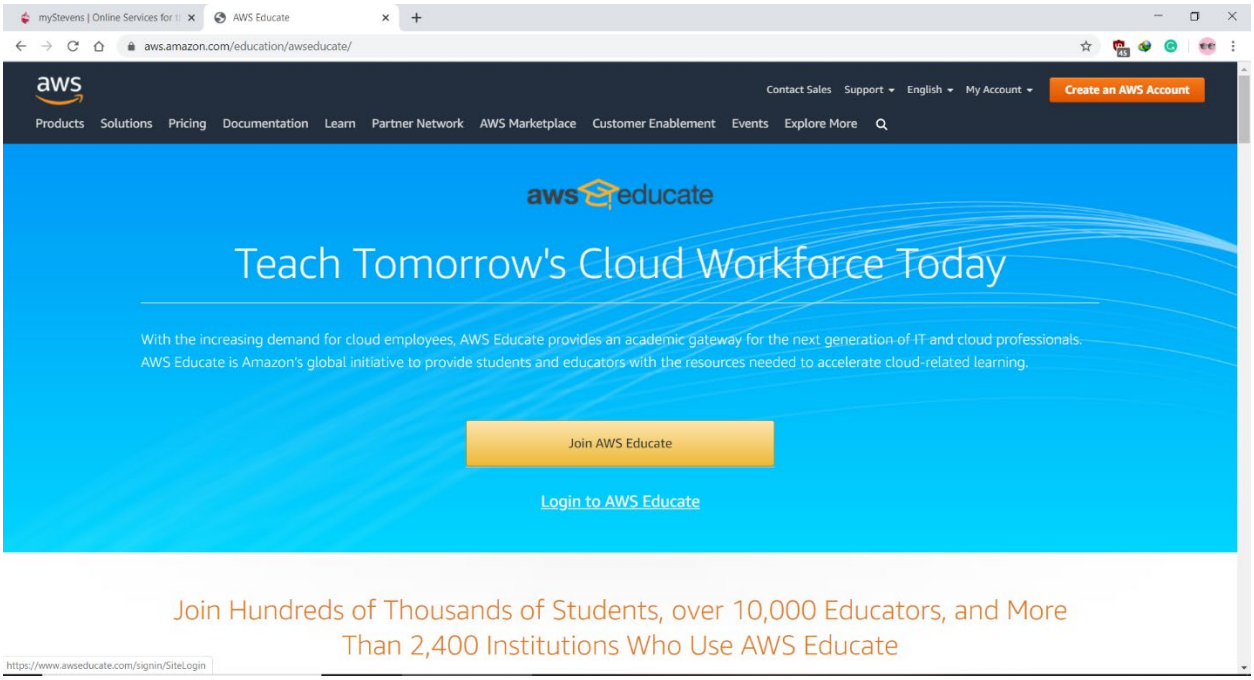


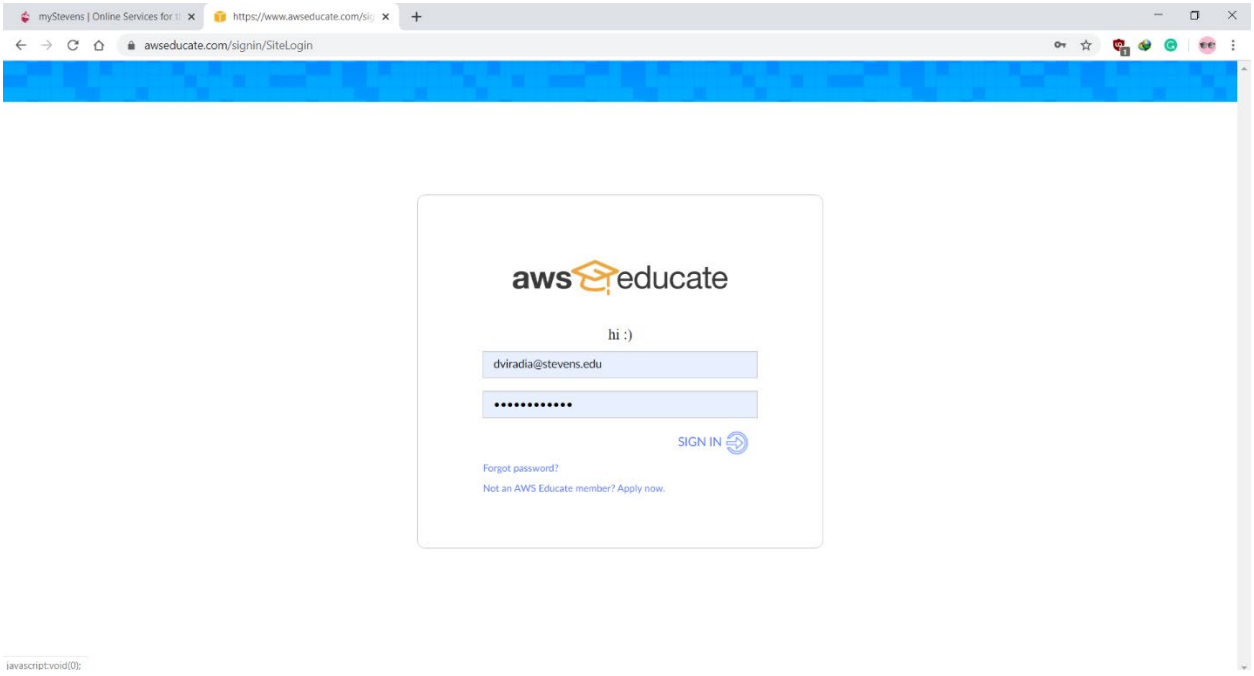
- Verify mail and Set Password



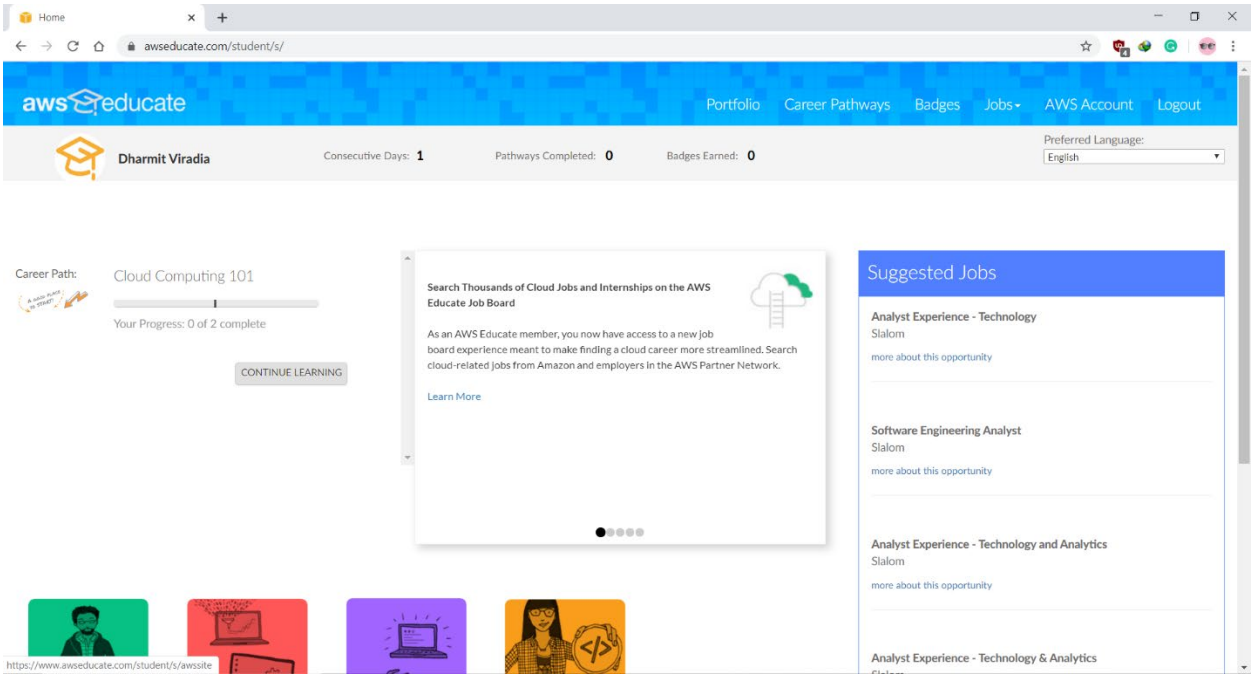
Step for Creating and Launching AWS instance

- Login to AWS Educate Account

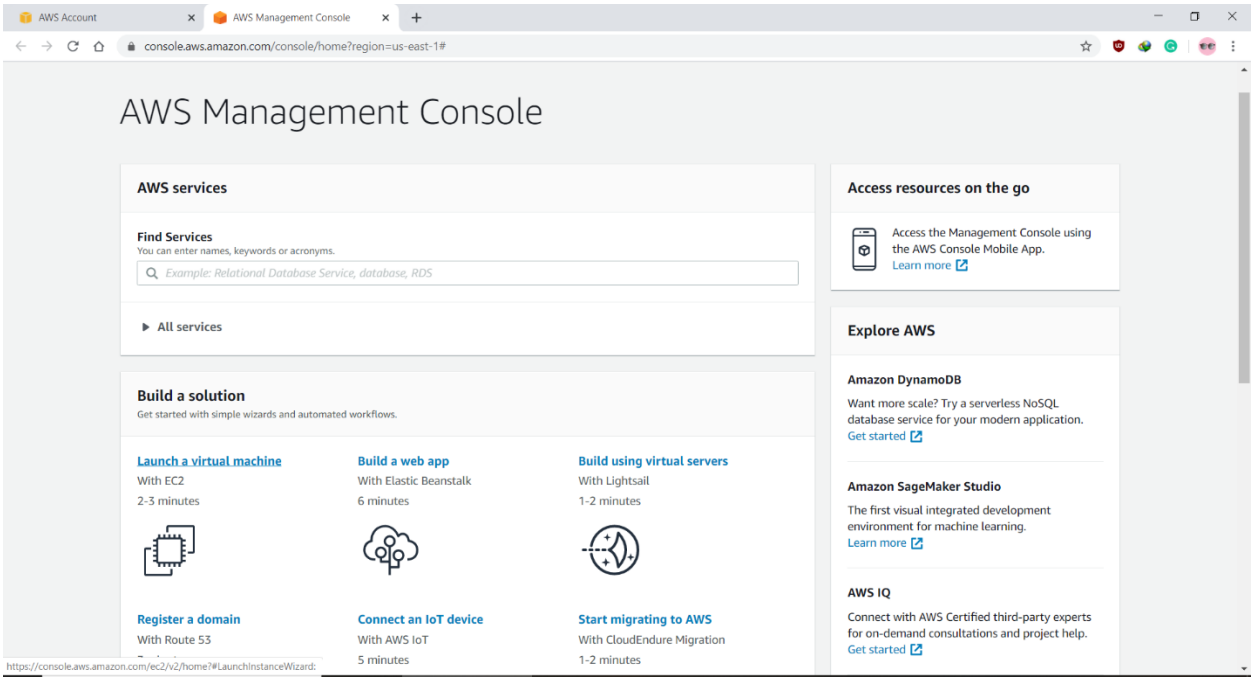




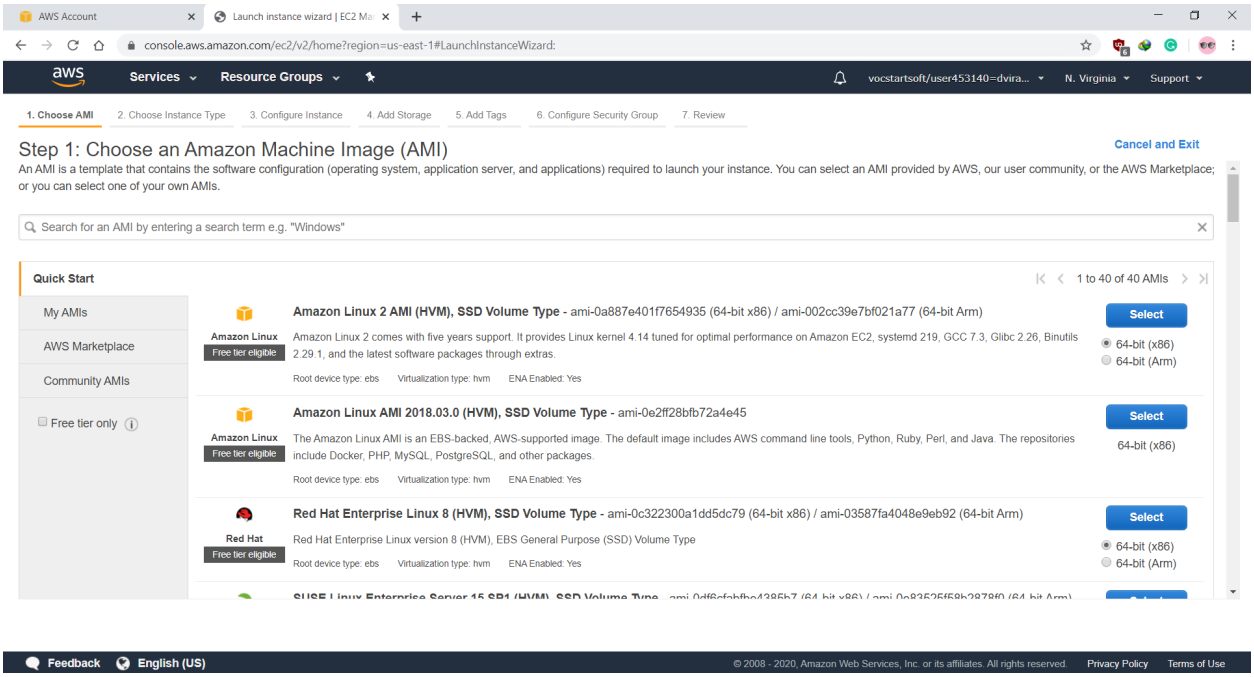
- Go to AWS Account



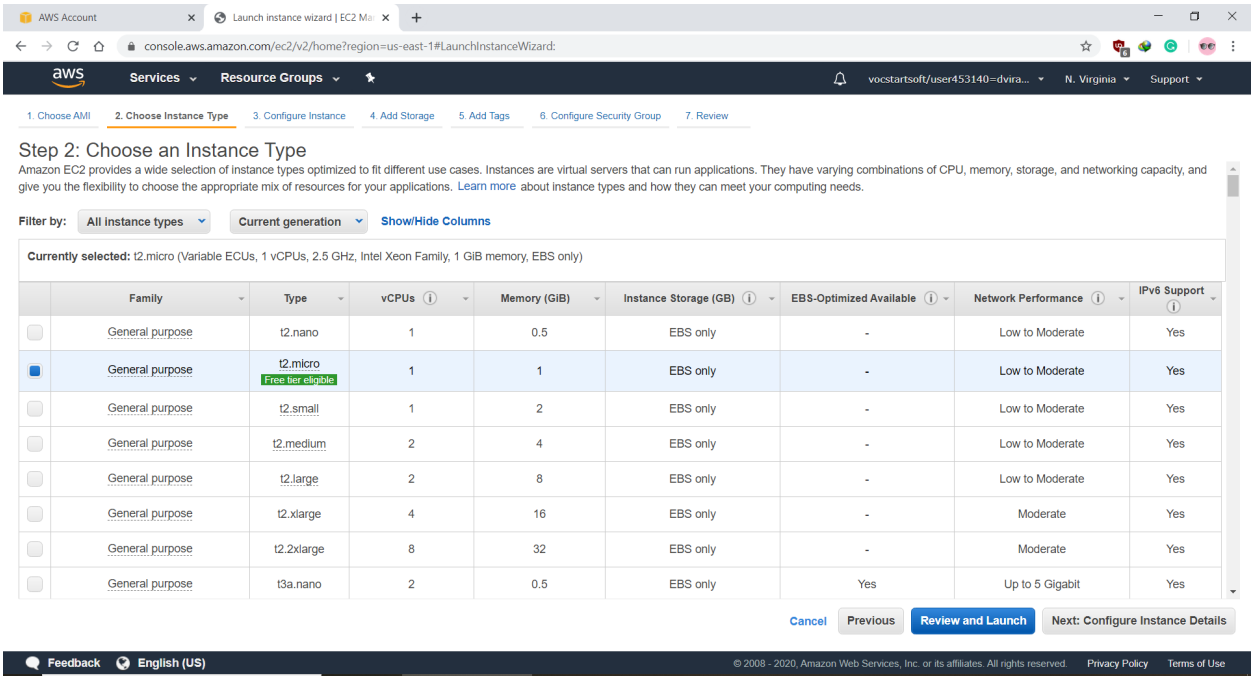
- Launch Virtual Machine



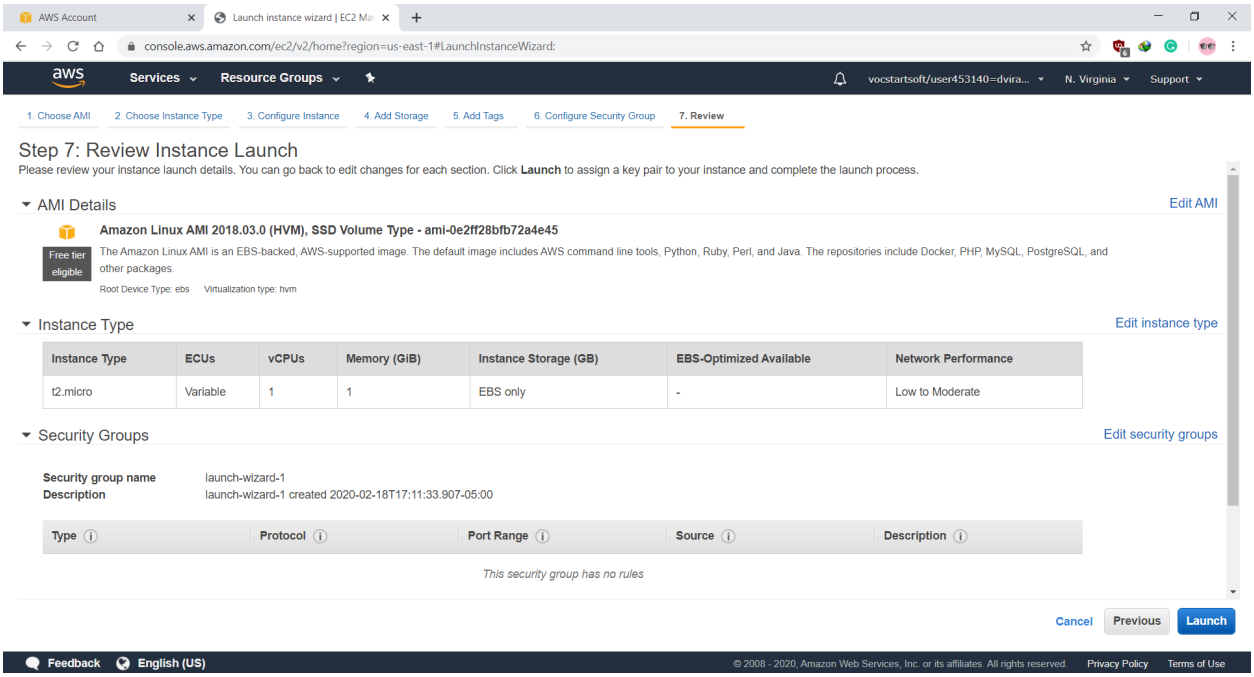
- Select Amazon Linux AMI



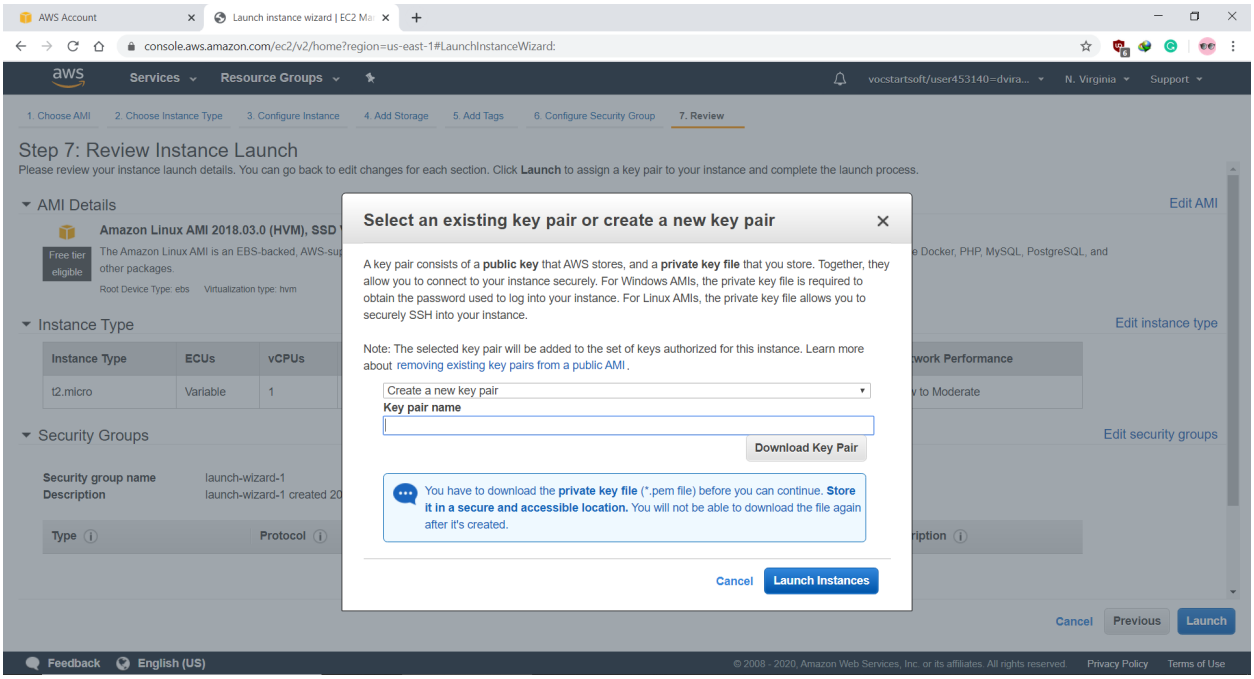
- Select Type t2.micro and review and launch



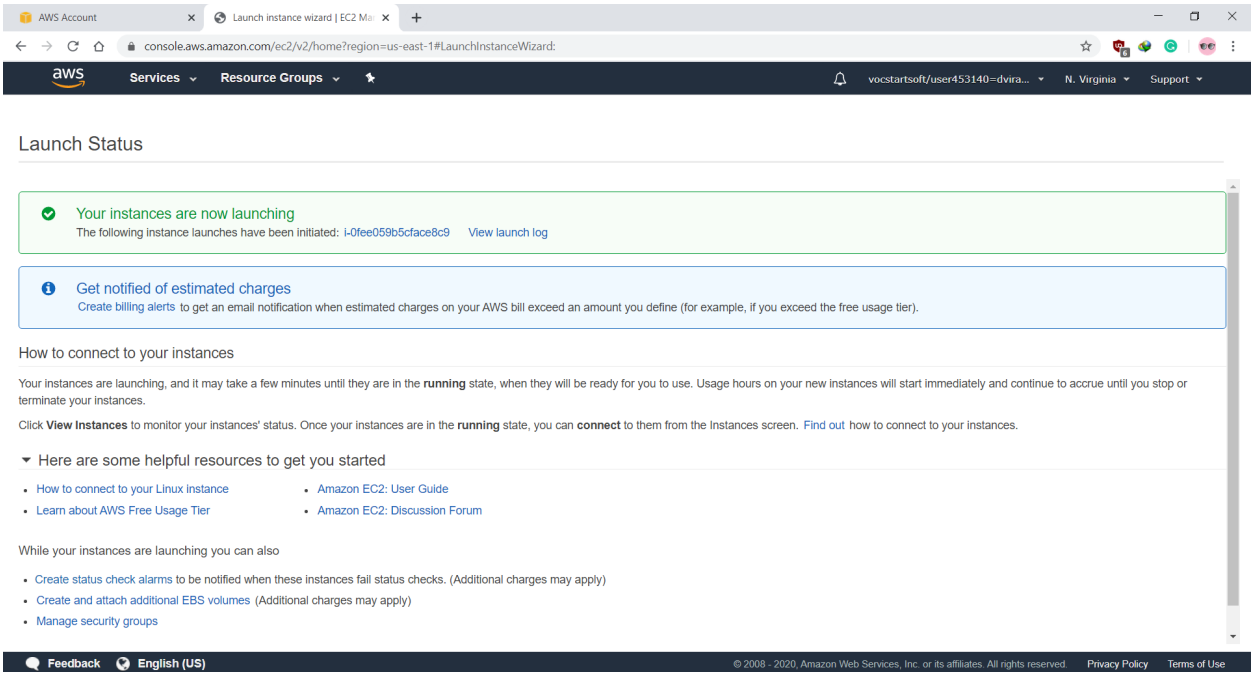
- Launch EC2 Instance



- Create Key Pair

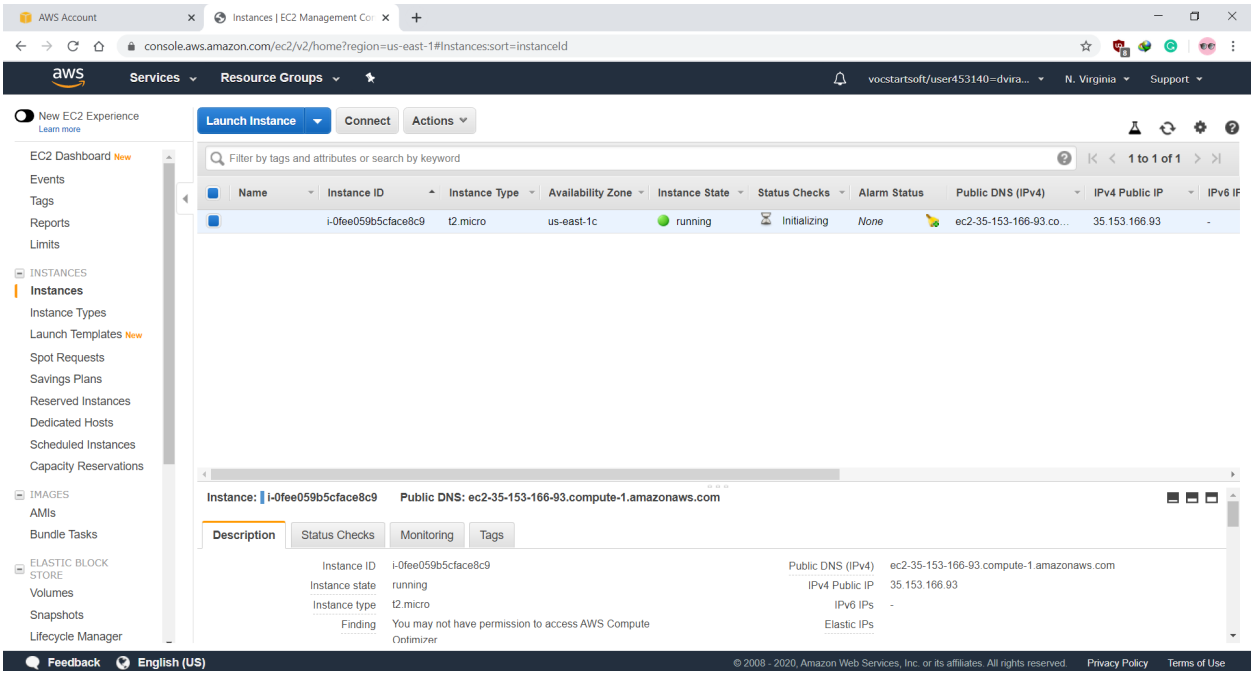


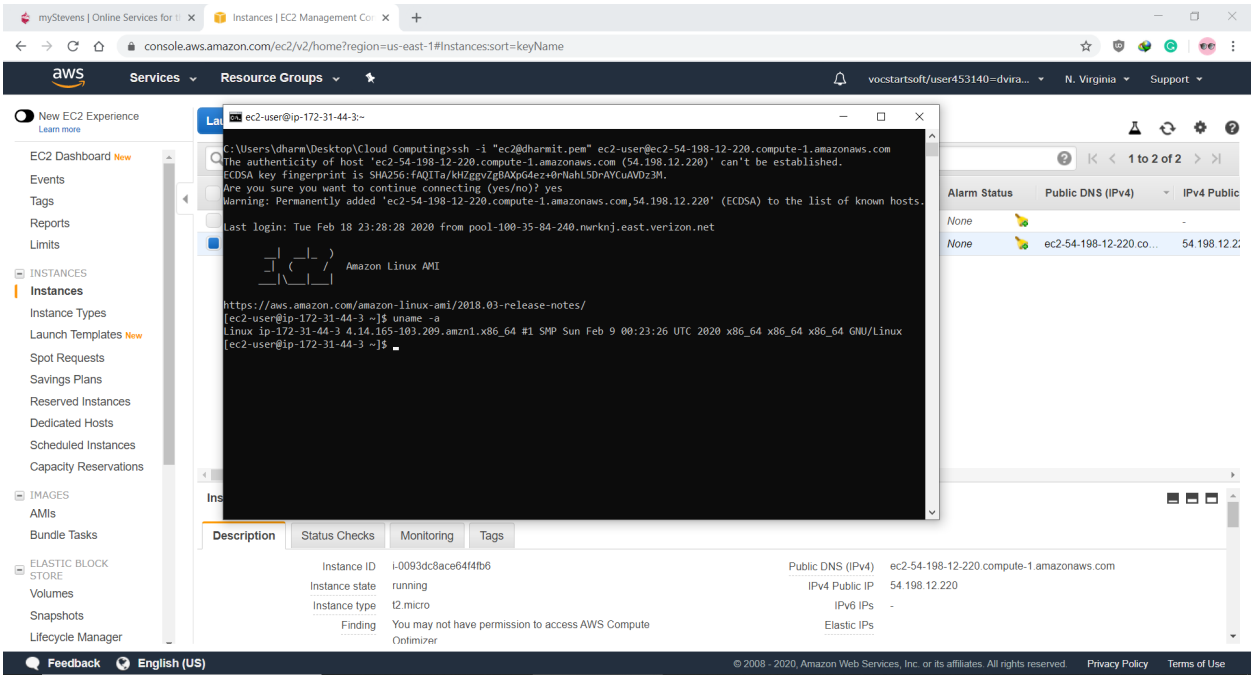
- EC2 Instance is Ready



Step for Accessing AWS instance

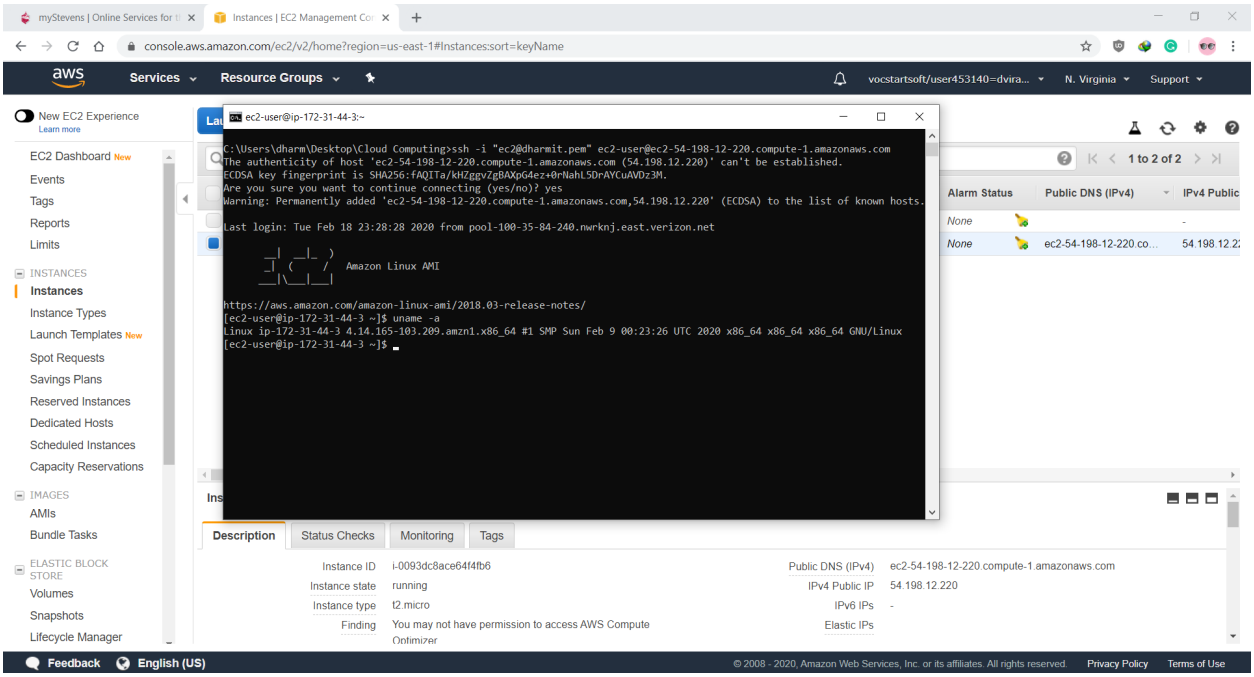
- Establishing connection with EC2 Instance by executing below command using ssh
  `ssh -i "key.pem" ec2-user@ec2-54-87-255-14.compute-1.amazonaws.com`





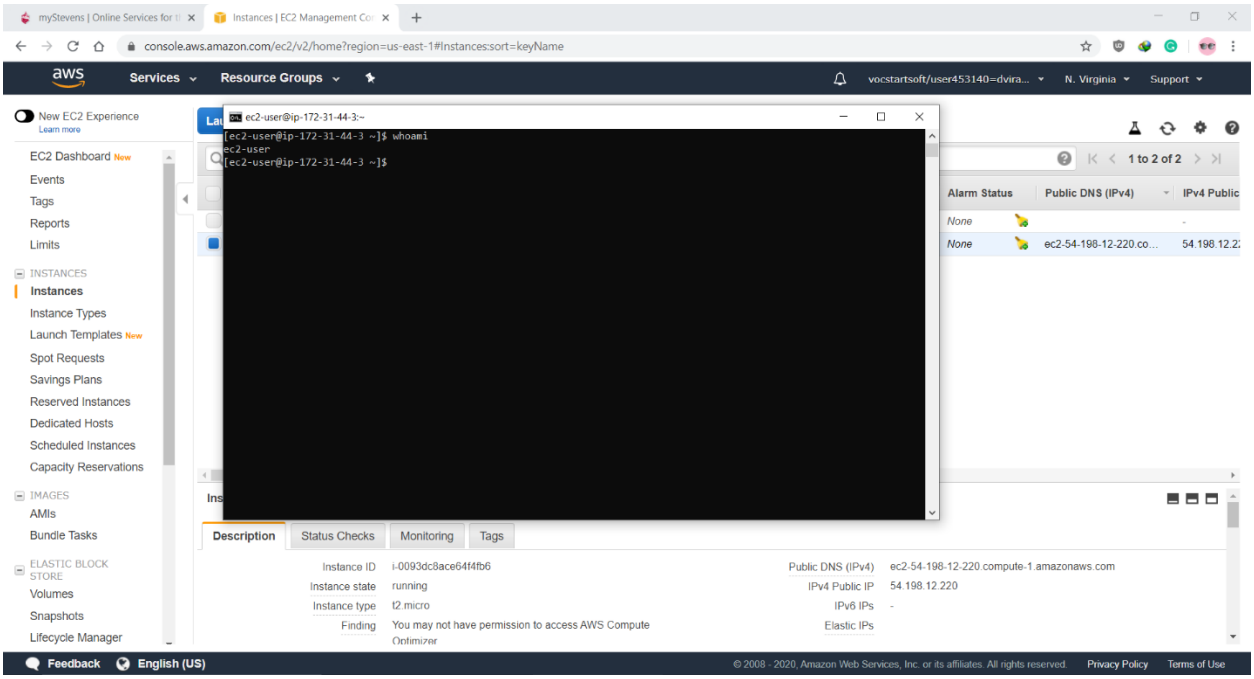
AWS instance Commands

- uname –a



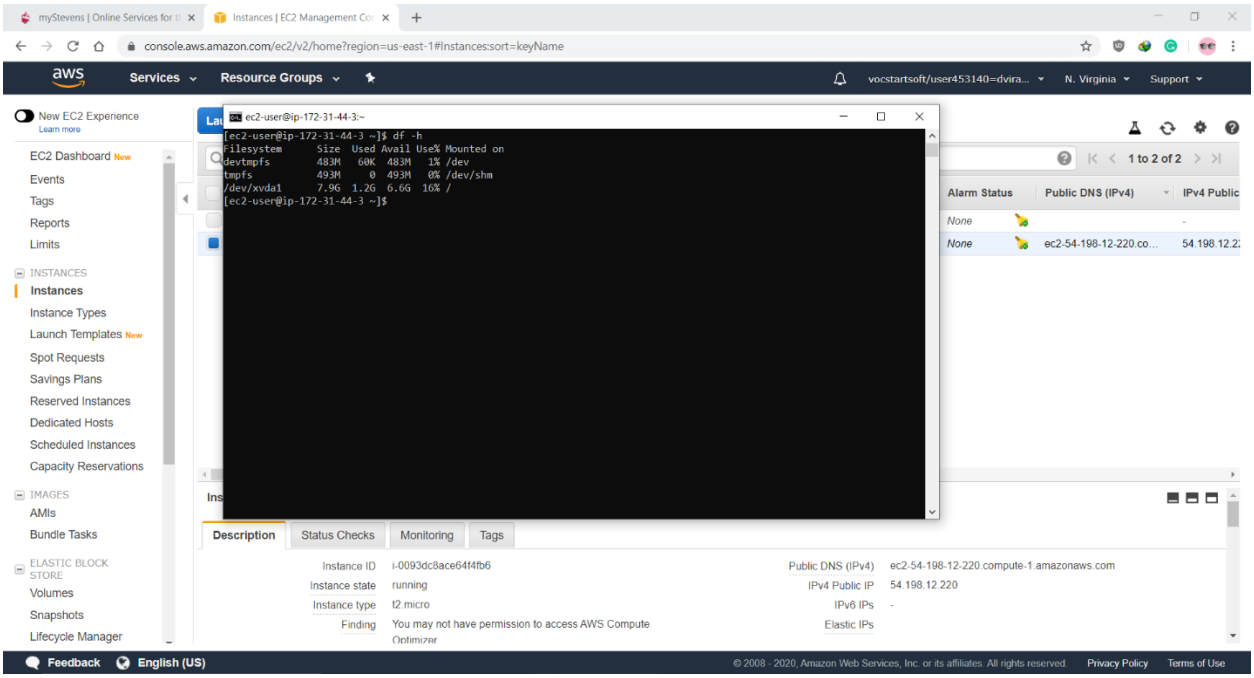
Print information about the current system -a prints all information

- whoami



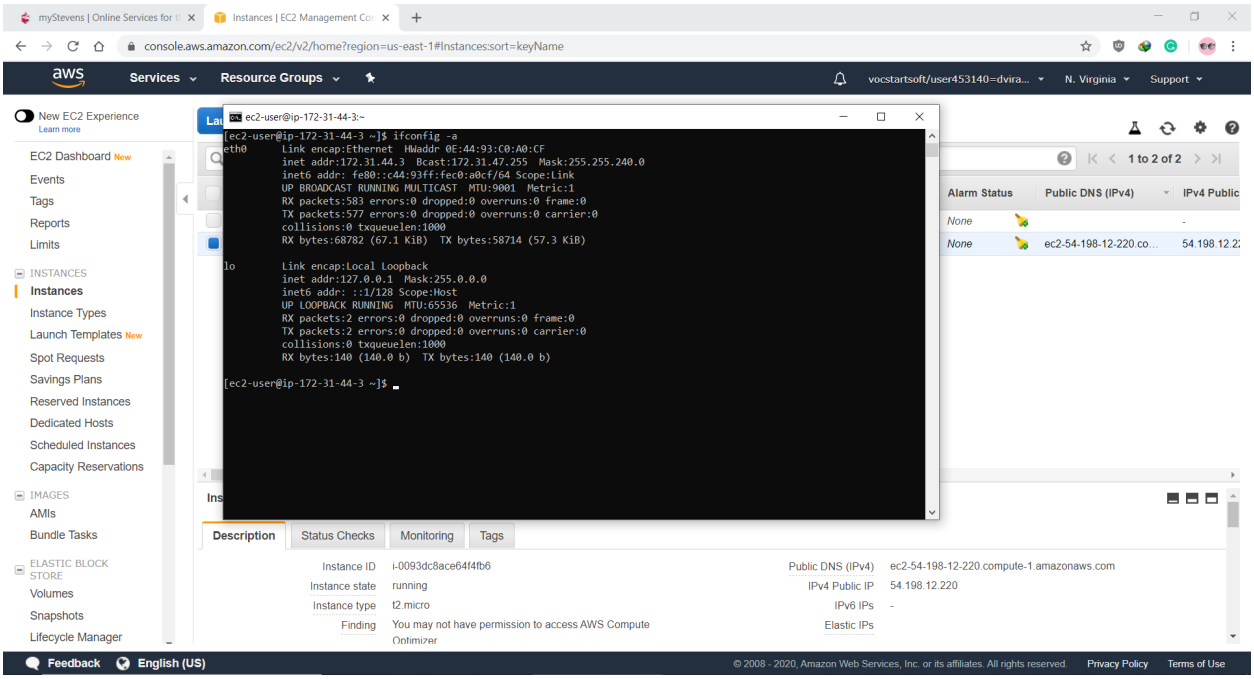
whoami prints the effective user ID

- df -h



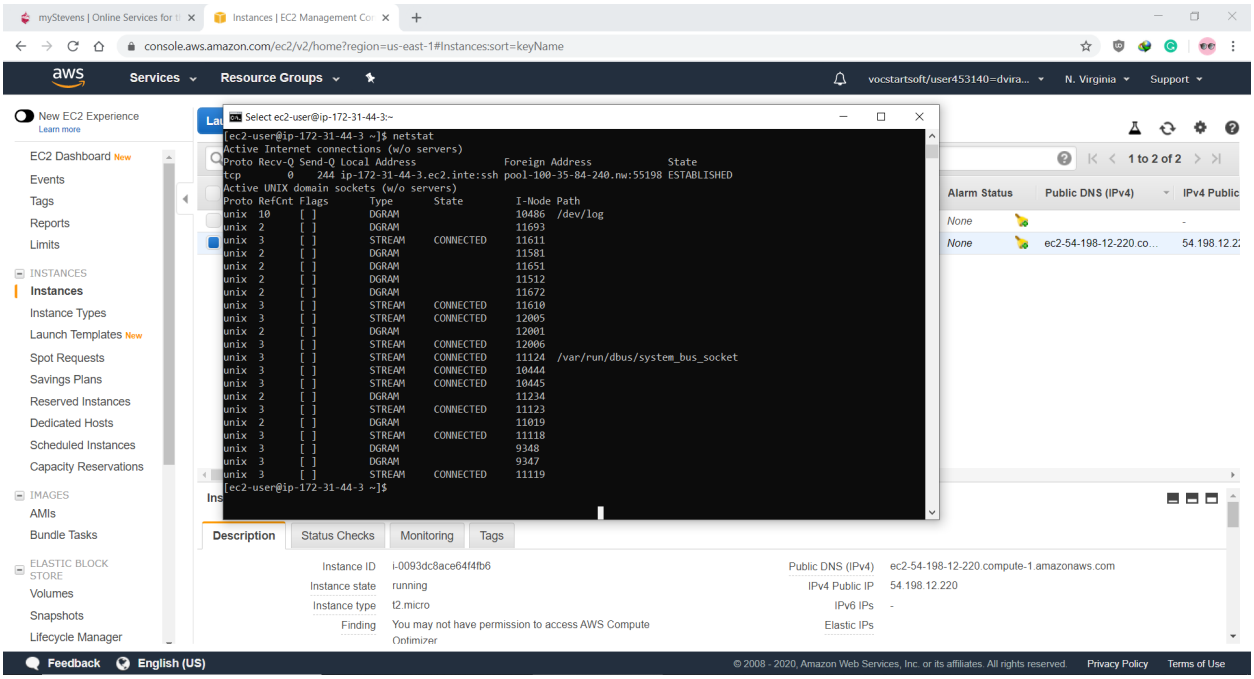
df displays the amount of disk space available on the file system containing each file name argument, -h print sizes in human readable format.

- ifconfig -a



ifconfig –a: it displays the status of all interfaces, even those that are down

- netstat



The netstat command is used to print network connections, routing tables, interface statistics, masquerade connections, and multicast memberships.