5.2 Change the Volume Size of an Instance



This section will guide you to:

* Change the volume size of an instance

This guide has six subsections, namely:

5.2.1 Creating the new volume

5.2.2 Validating the Availability zone of the EC2 instance

5.2.3 Providing type, size, availability zone, and snapshot name

5.2.4 Selecting newly created volume to attach the volume to the instance

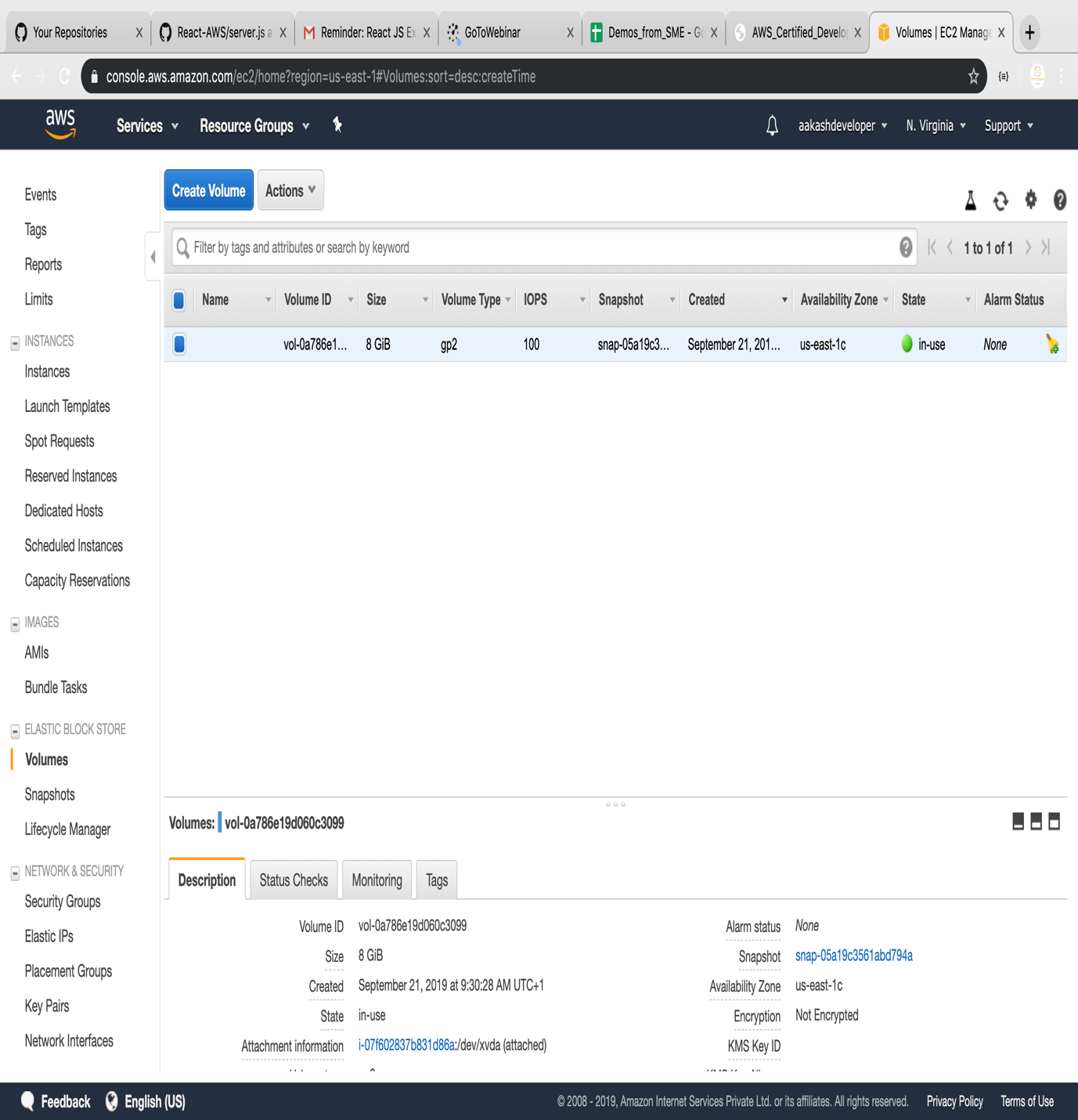
5.2.5 Selecting the instance of the same availability zone

5.2.6 Verifying the instance by adding one more device to the block device

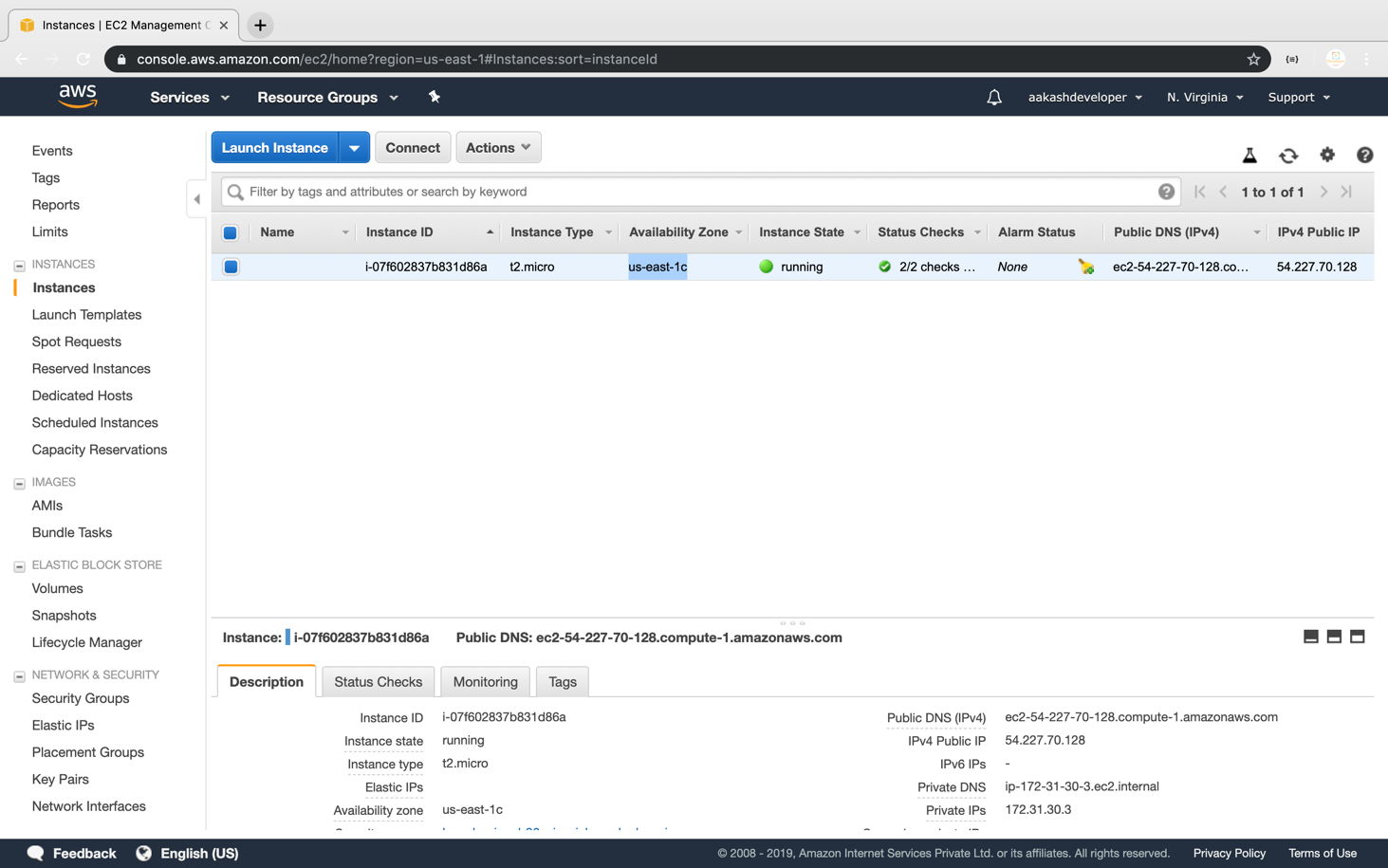
5.2.7 Pushing the code to your GitHub repositories

Note: By default, when we create a new instance, we need to attach the minimum volume to the instance depending on the OS or AMI. But we can also add or remove the volume.

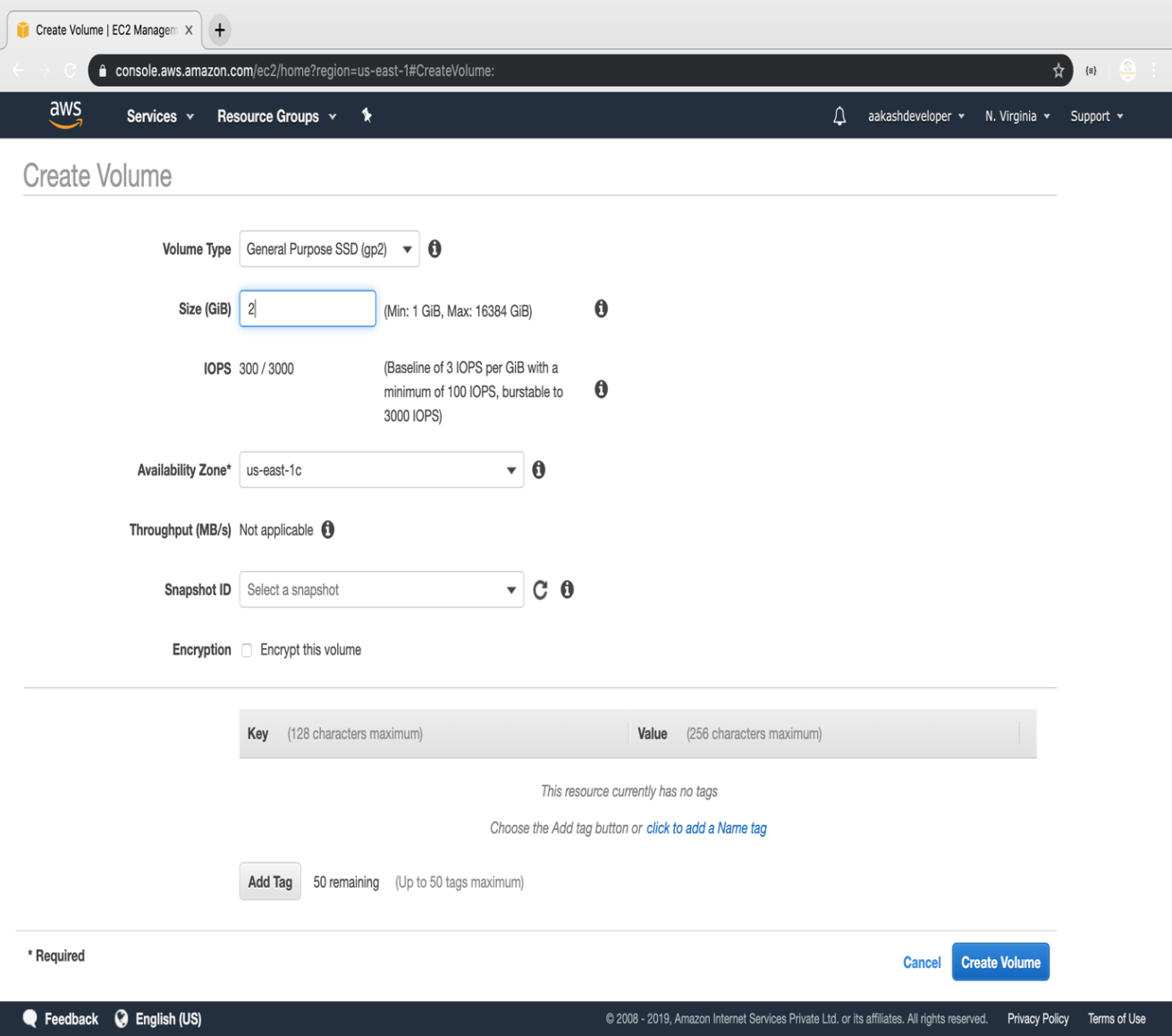
**Step 5.2.1:** Creating the new volume which we want to add to an instance and clicking on **create volume**



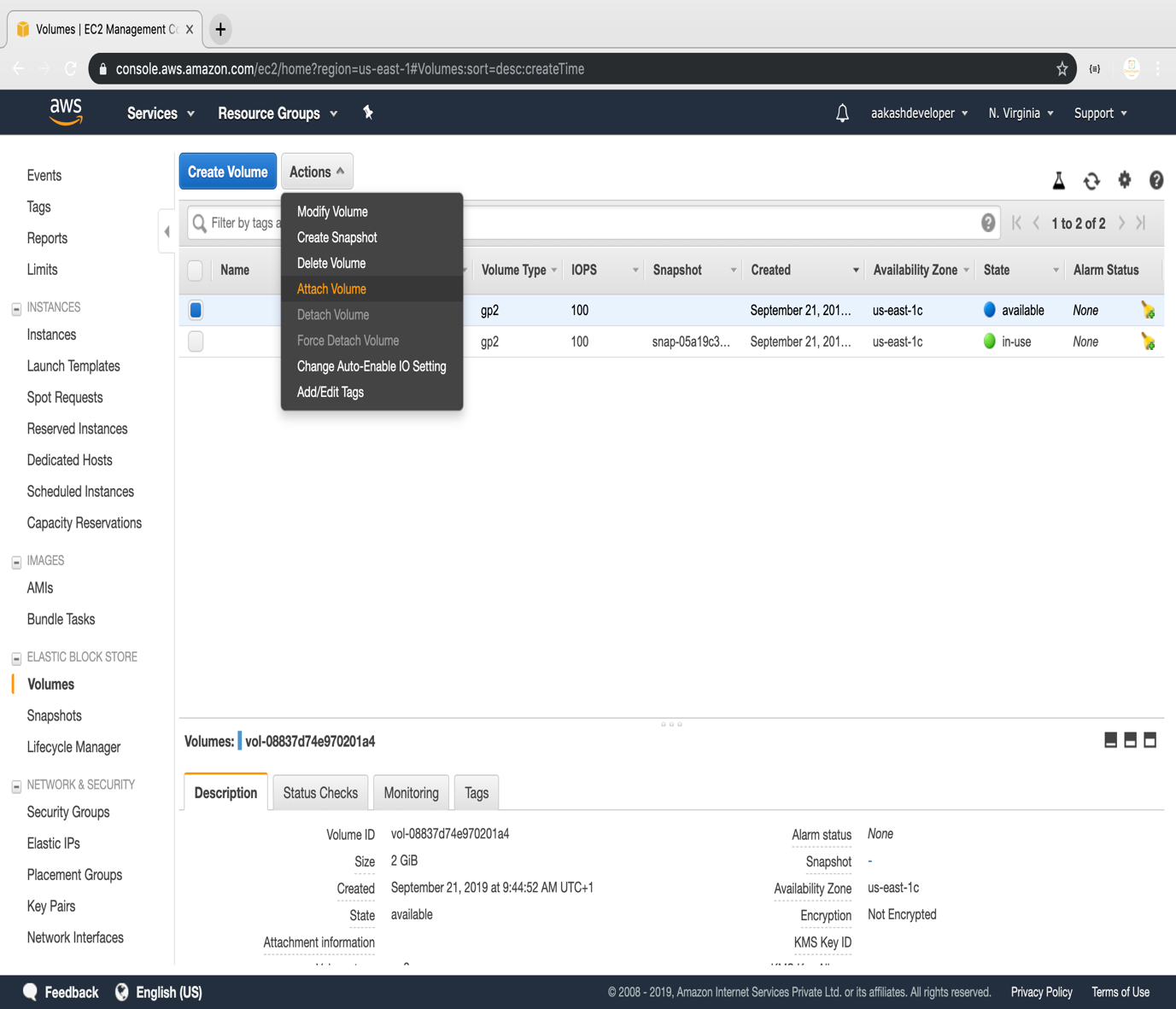
**Step 5.2.2:** Validating the Availability zone of the EC2 instance with which you want to add volume

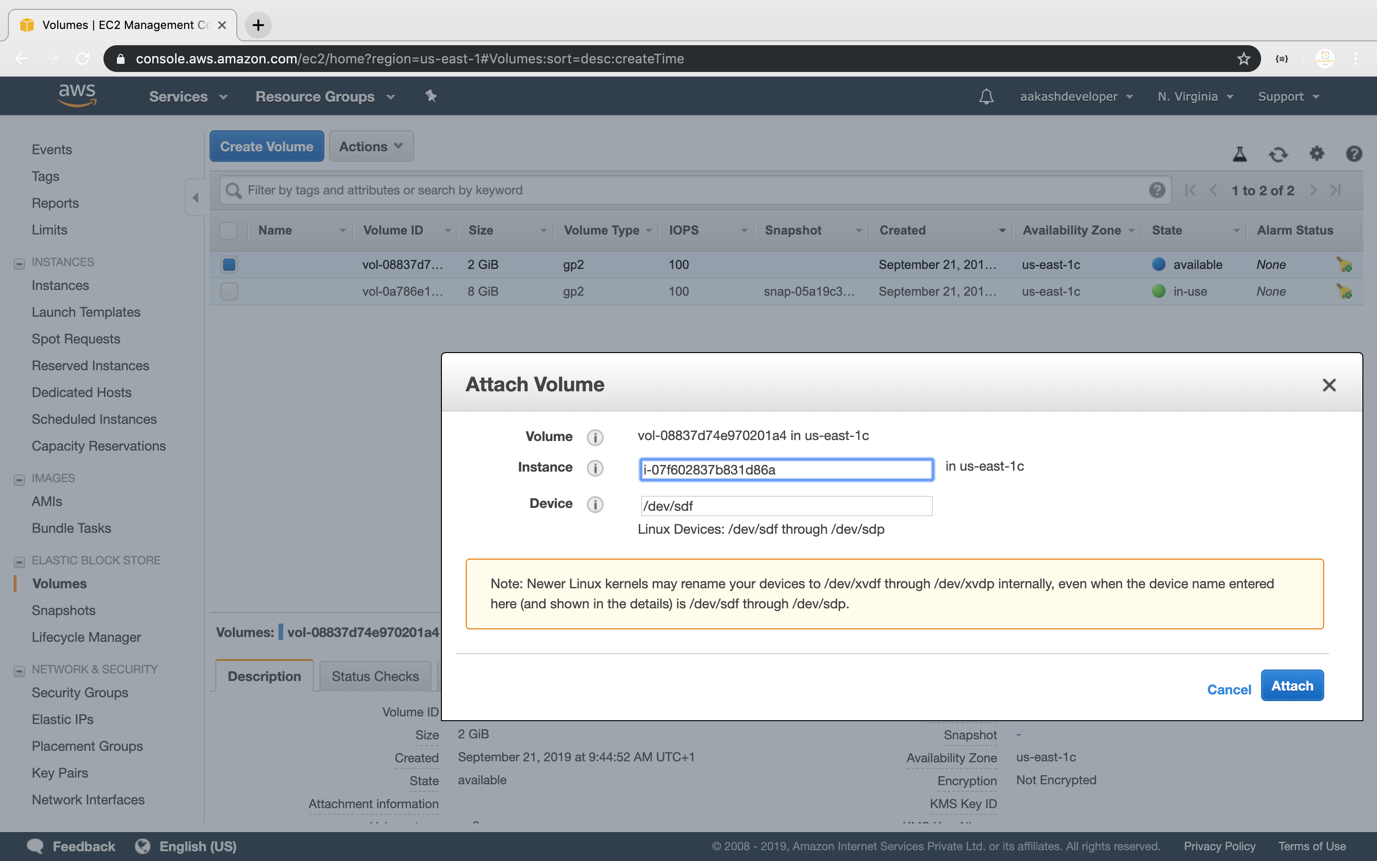


**Step 5.2.3:** Providing type, size, availability zone, and snapshot name on the **create volume** tab

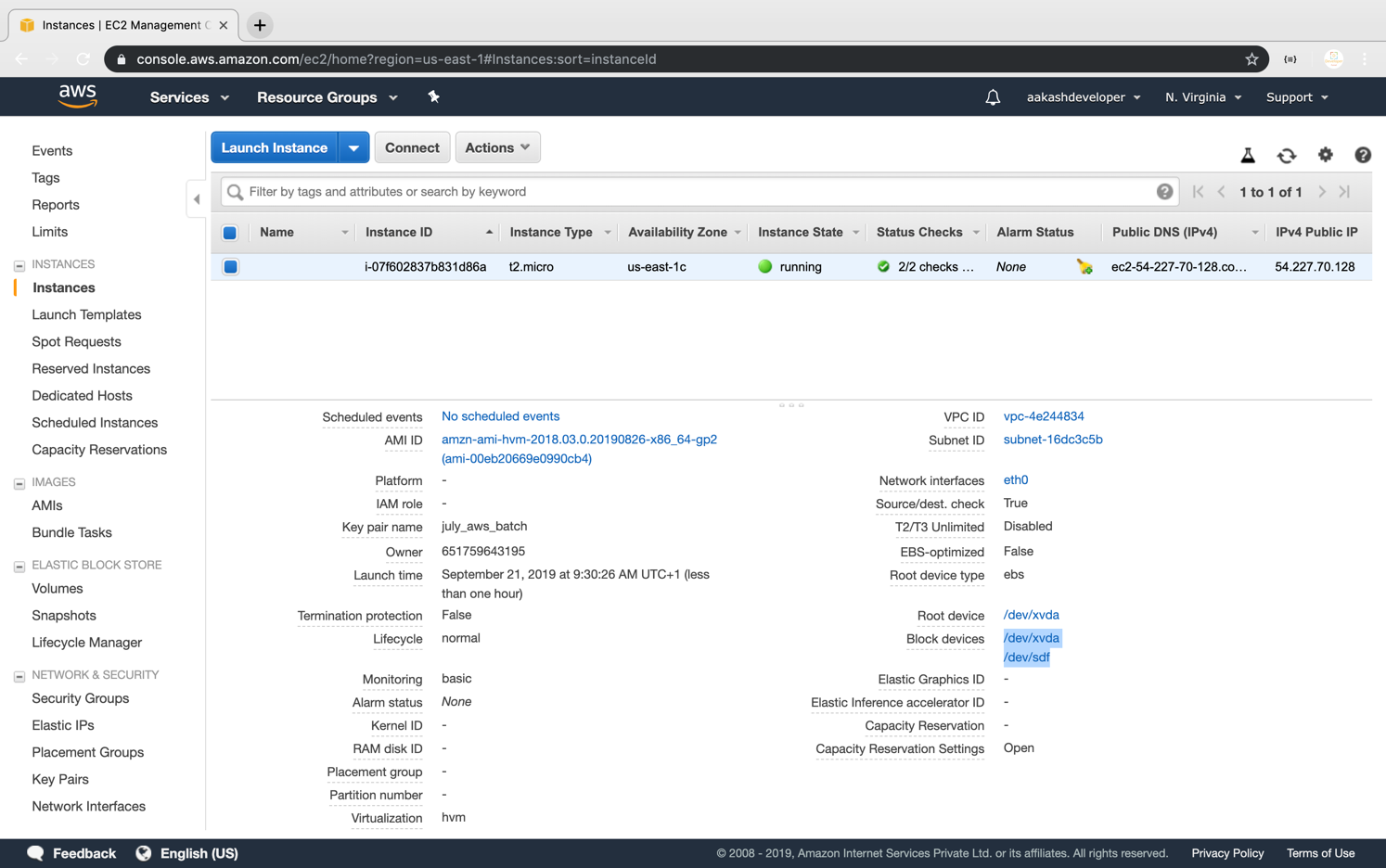


**Step 5.2.4:** Selecting the newly created volume and clicking on the action to attach the volume to the instance



**Step 5.2.5:** Selecting the instance of the same availability zone and attaching the volume in pop

**Step 5.2.6:** Verifying the instance by adding one more device to the block device



**Step 5.2.7:** Pushing the code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit -m “Changes have been committed.”

Push the files to the folder you created initially using the following command:

git push -u origin master