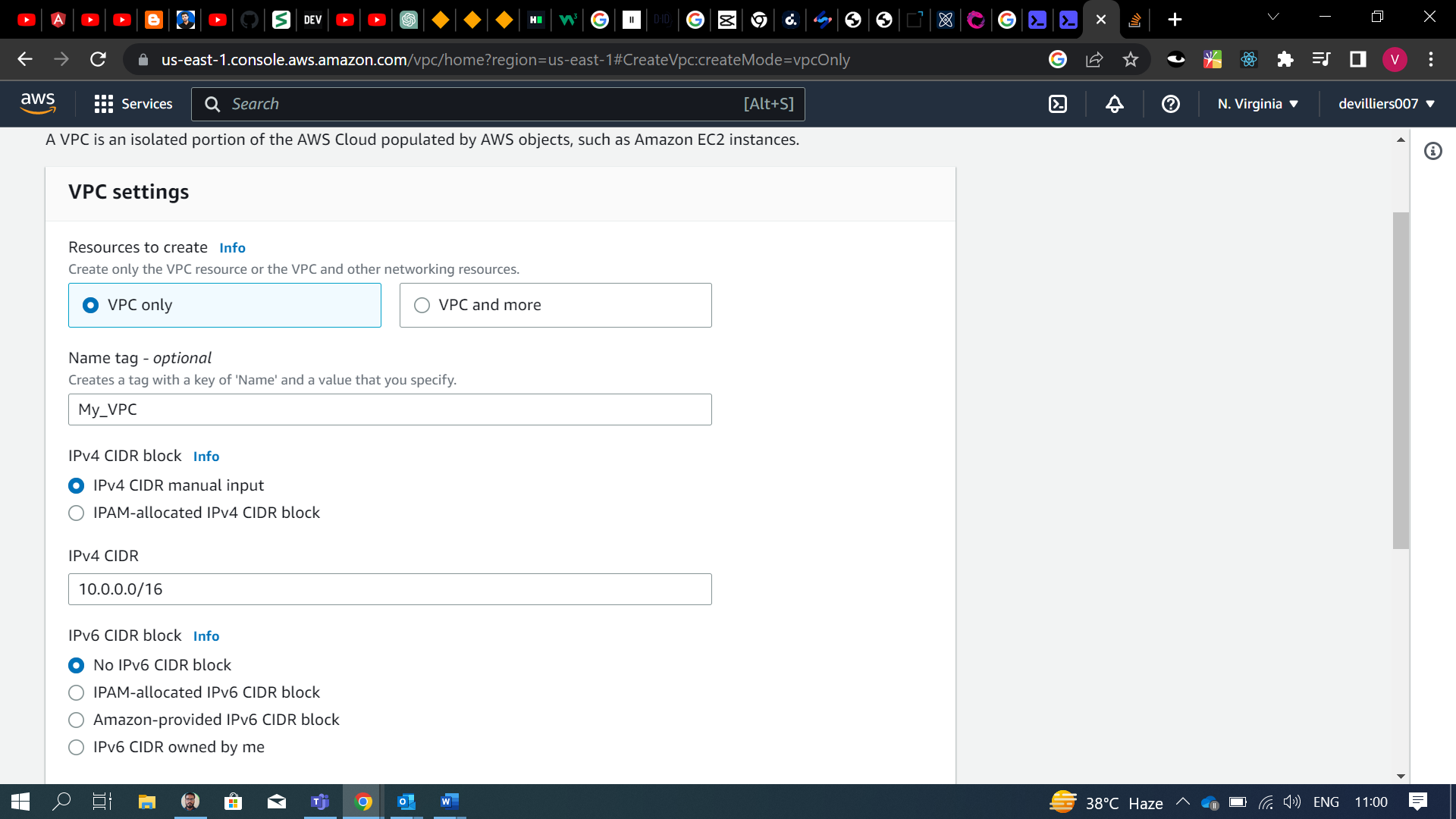
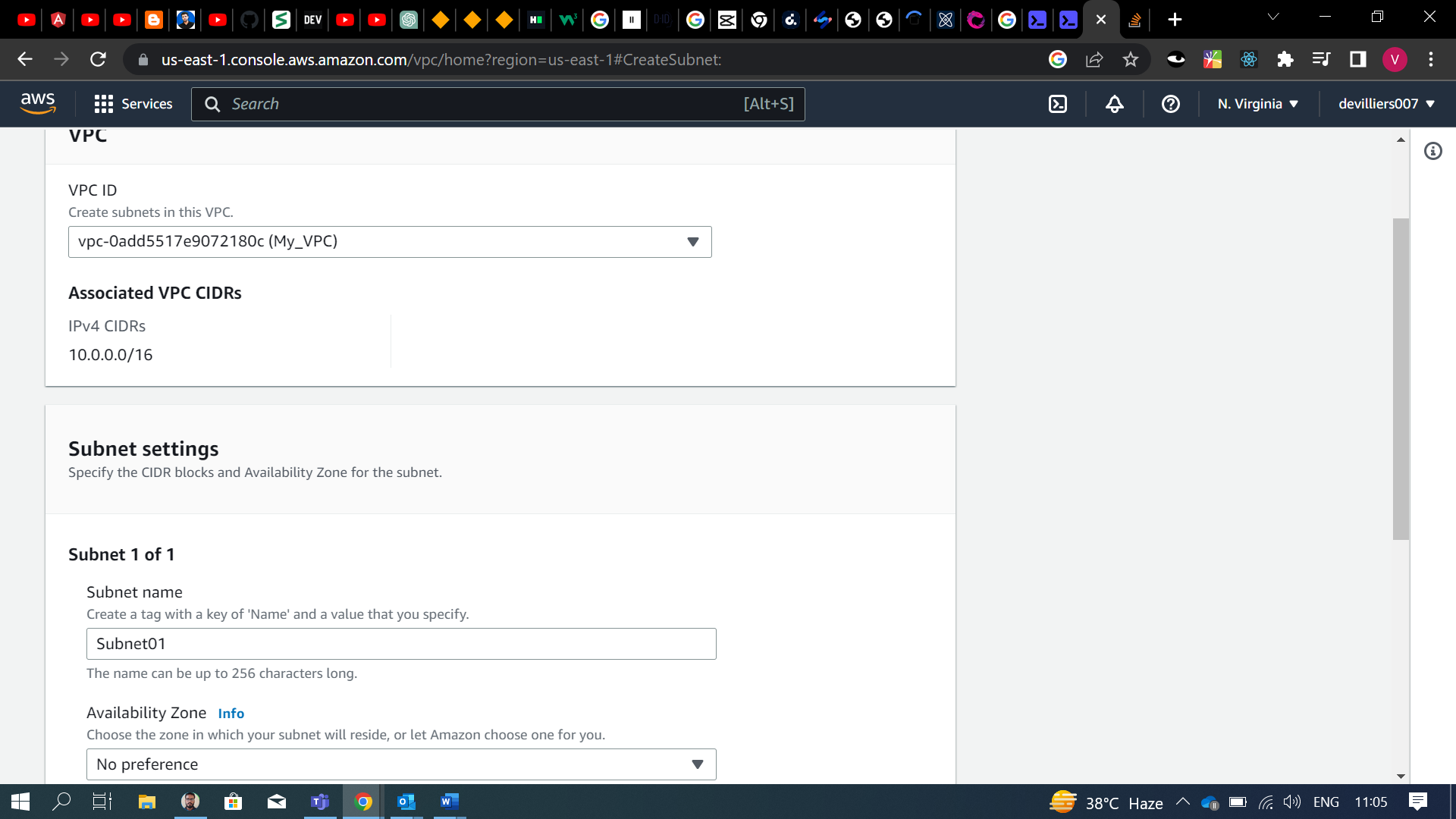
AWS Assignment

1• **Create a virtual network with 2 subnets. Each subnet should have 16 Ips only.**

**Creating VPC**

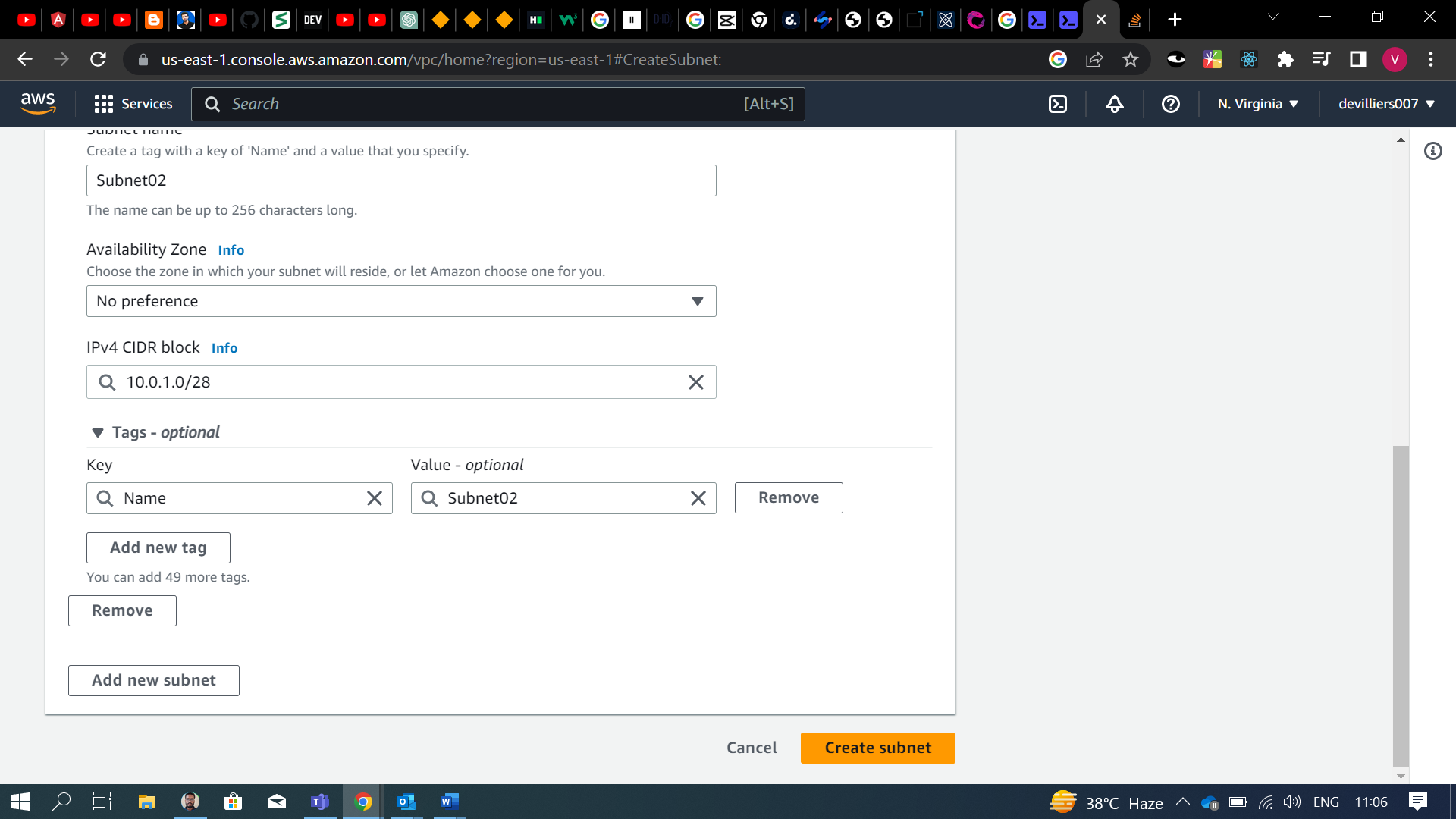


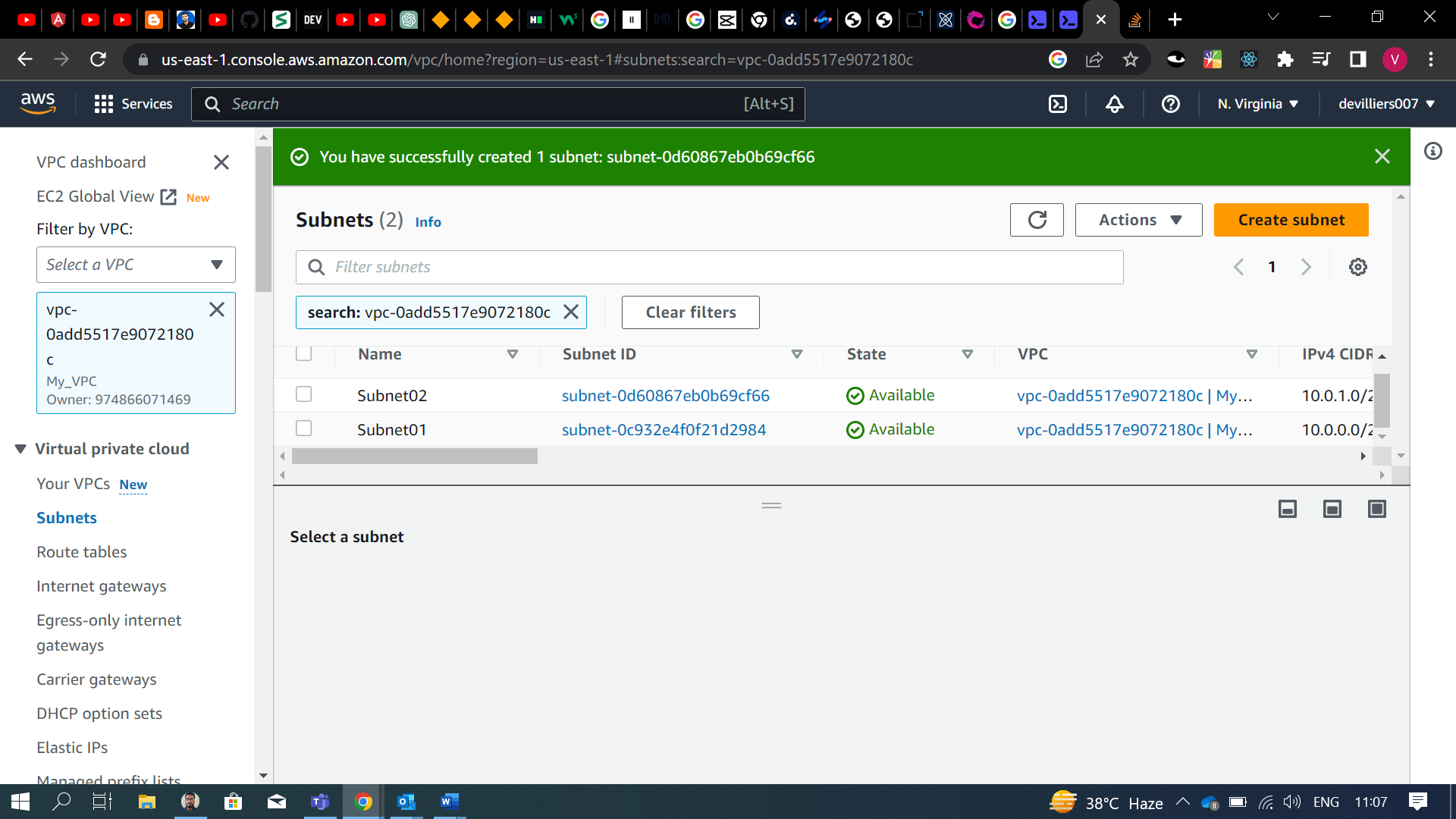
**Creating Subnets**

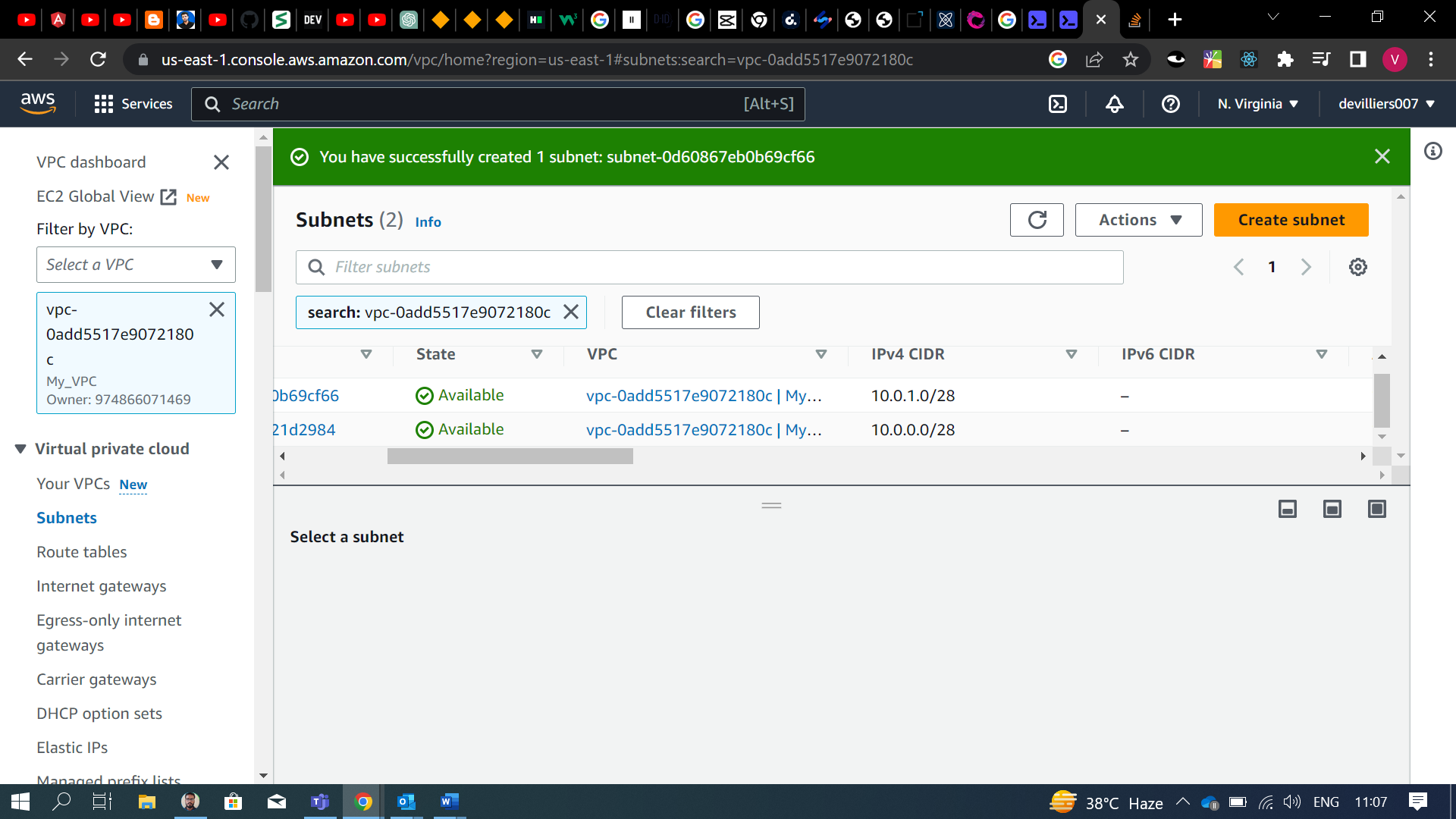


A screenshot of a computer

Description automatically generated



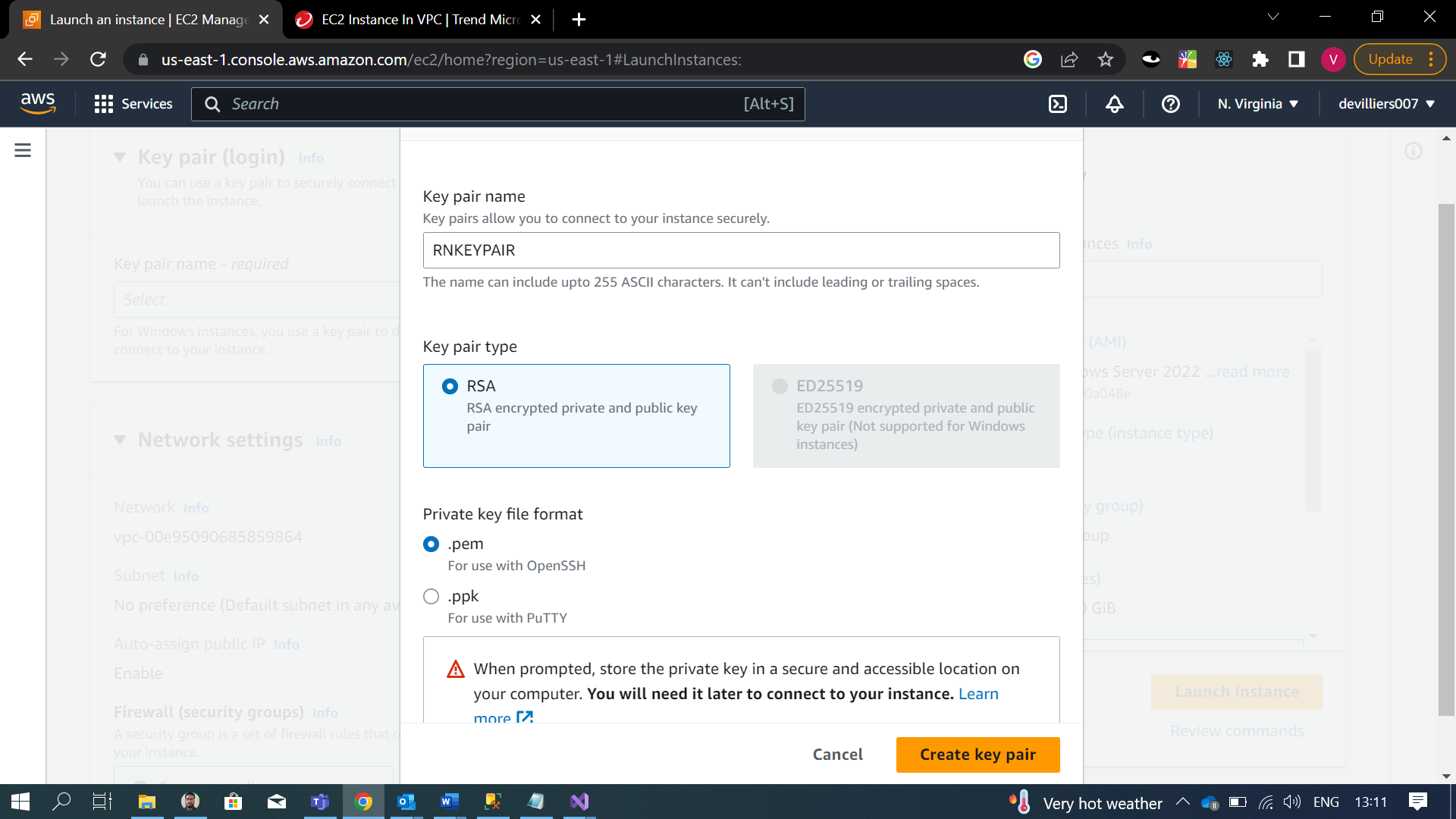




**2. Inside one of the subnets, create a VM and deploy an application code inside it (any existing application created by you before). Make sure to use appropriate NACLs and SGs.**

**Creating VM (windows server)**

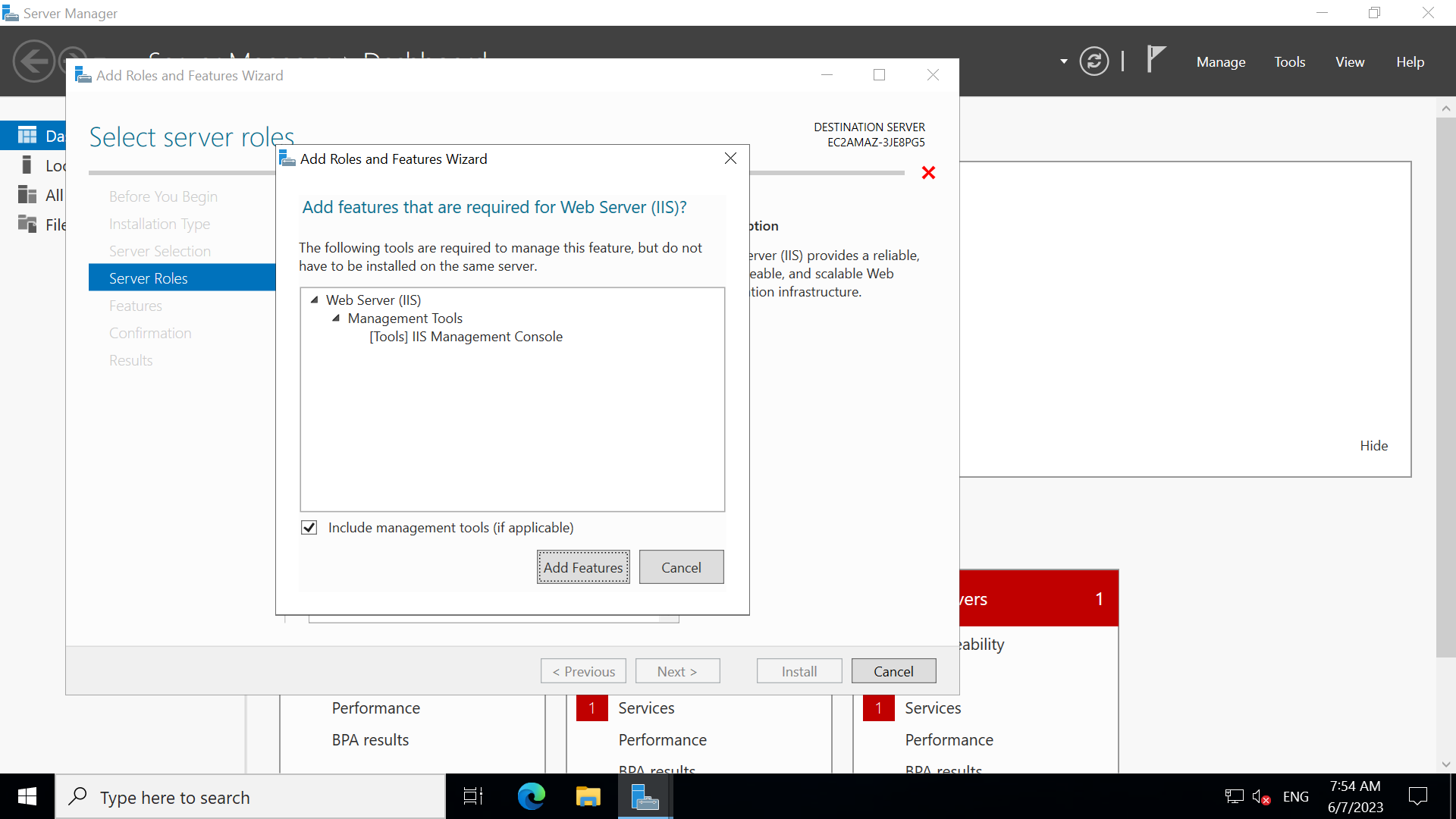


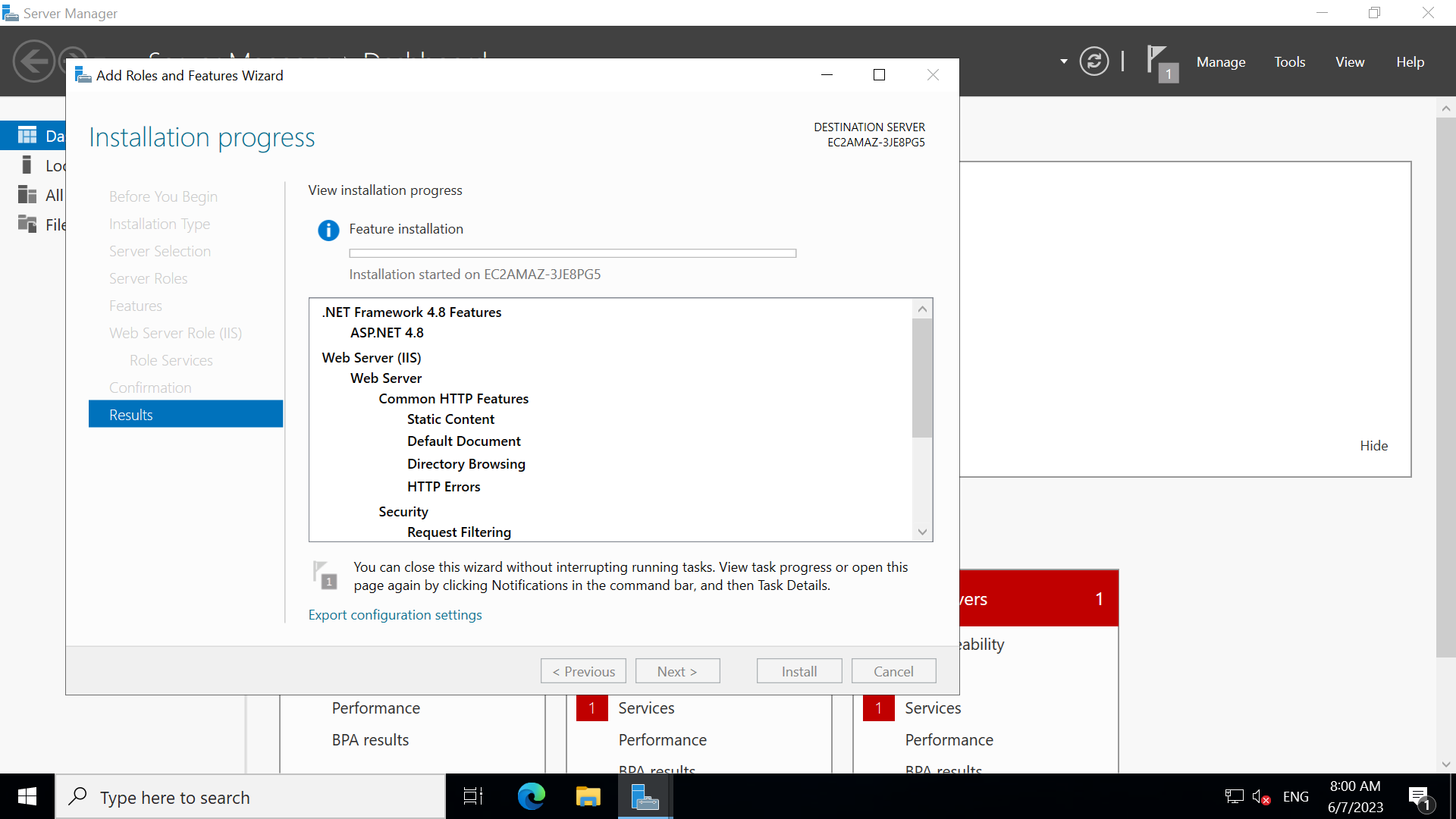


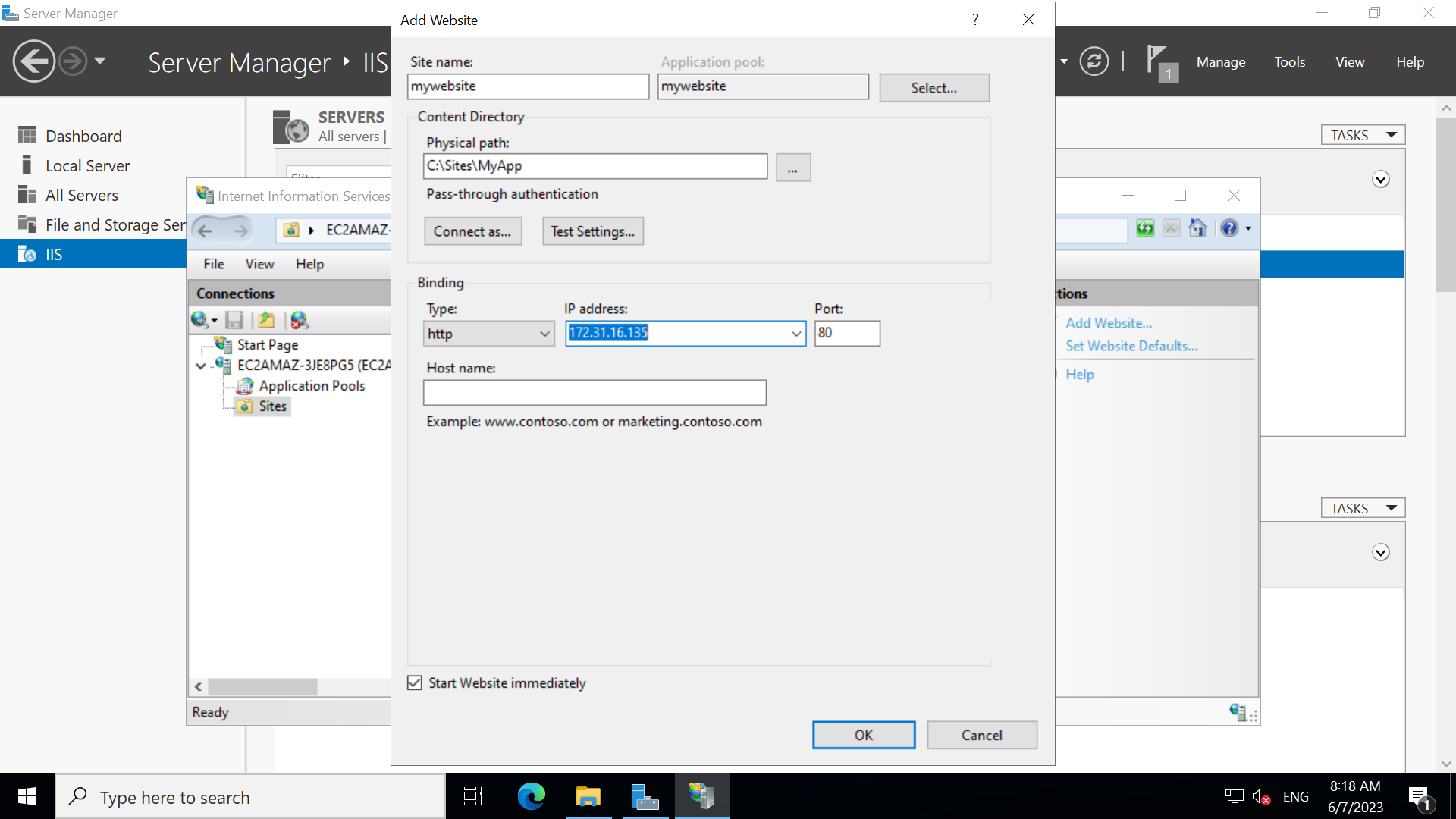
A screenshot of a computer

Description automatically generated

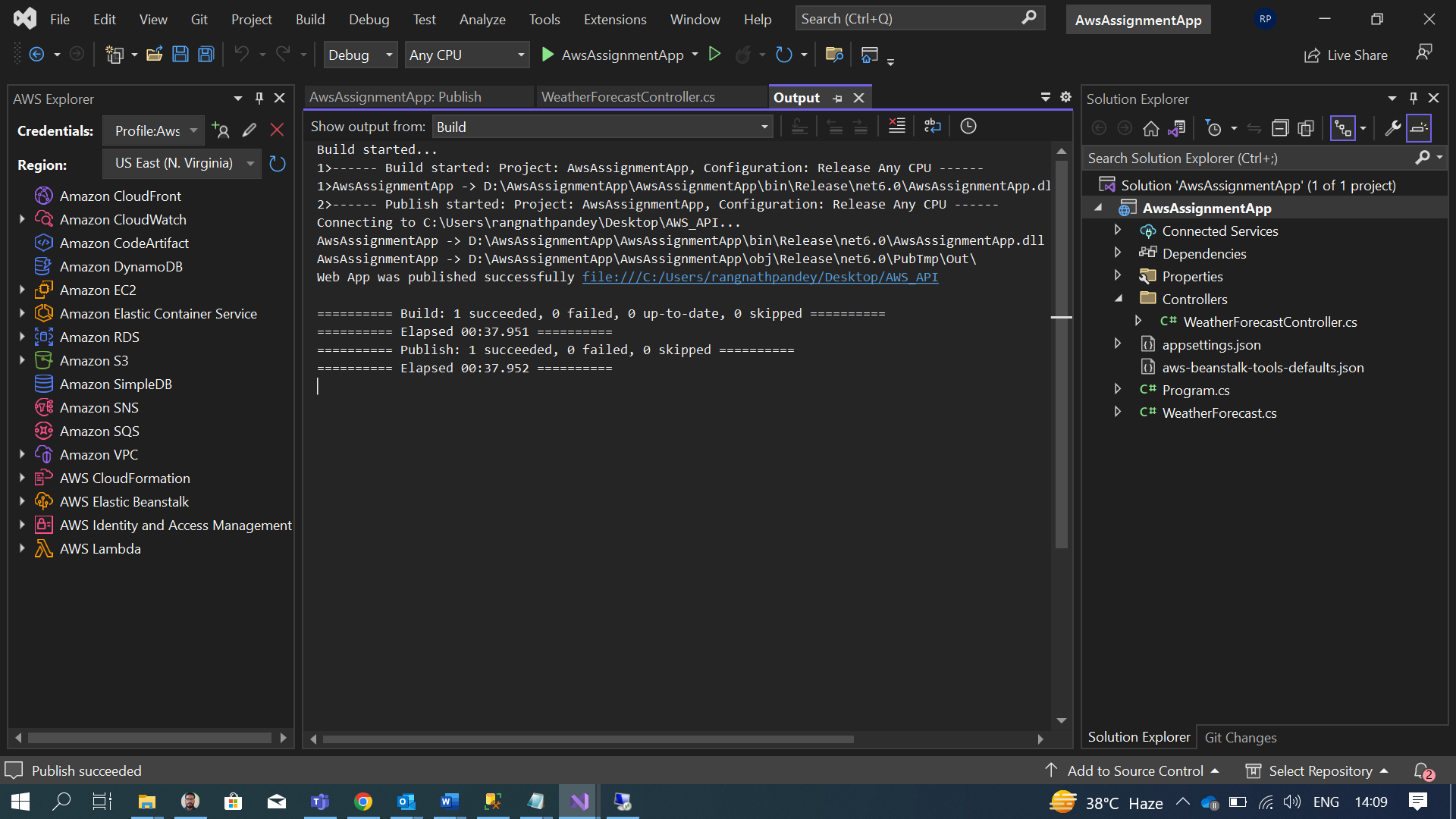
**Setting Up Web Server on EC2 and Installed .Net 6 on Server**







**Created Build from Visual Studio**



**Uploaded Build to Remote server**

A screenshot of a computer

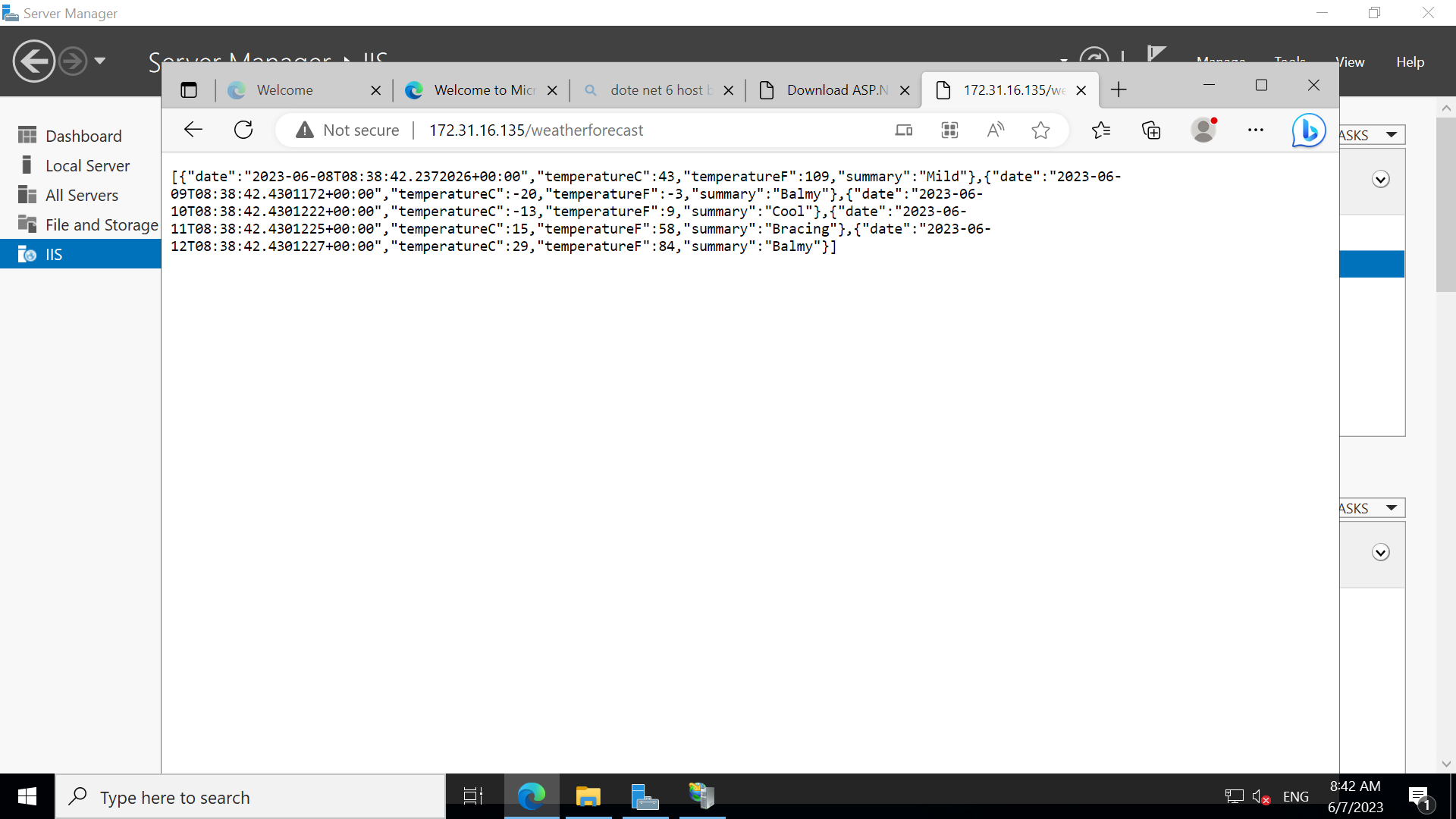
Description automatically generated

**Restarted the Website**

A screenshot of a computer

Description automatically generated with medium confidence

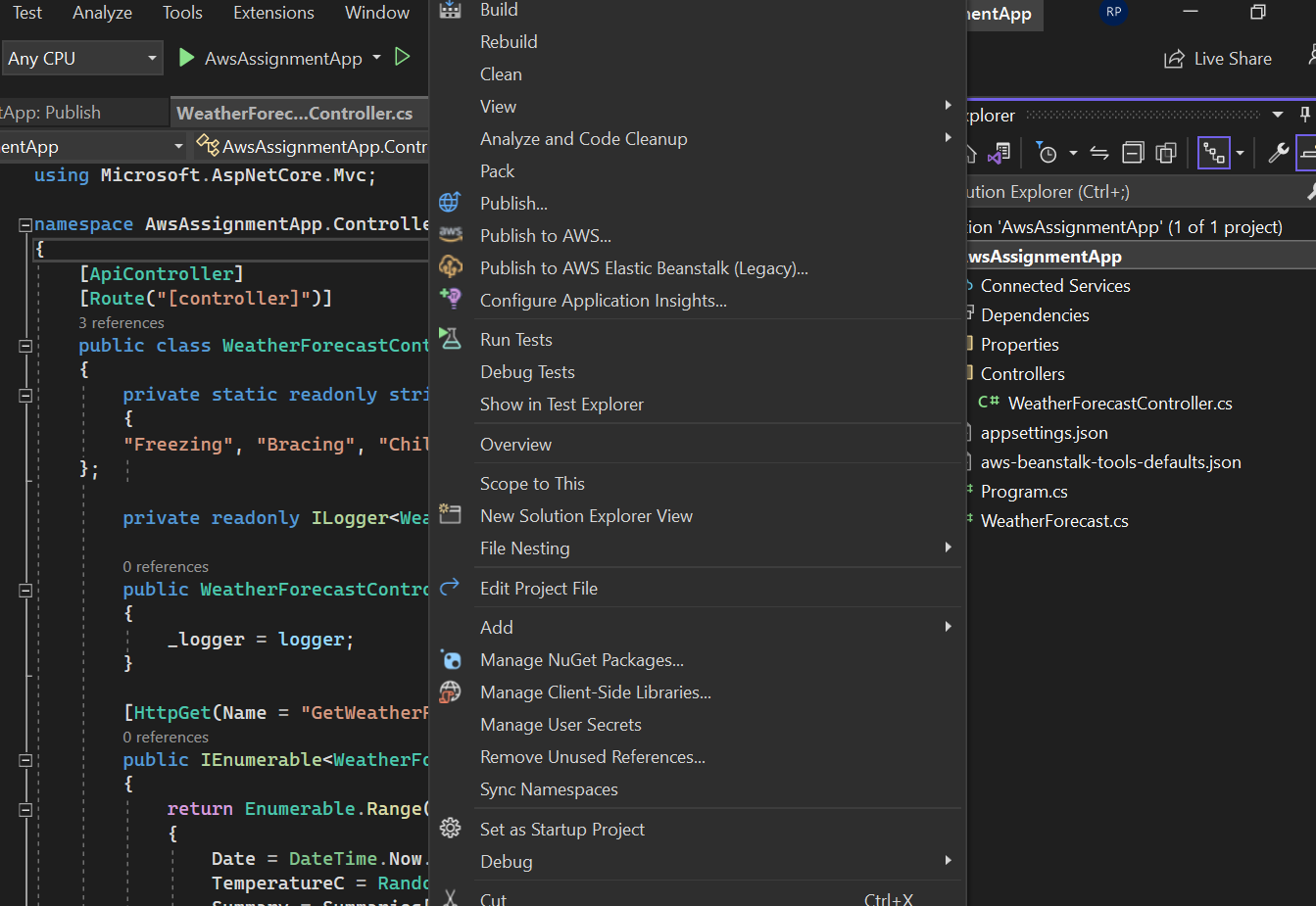
Api is deployed and we can get data

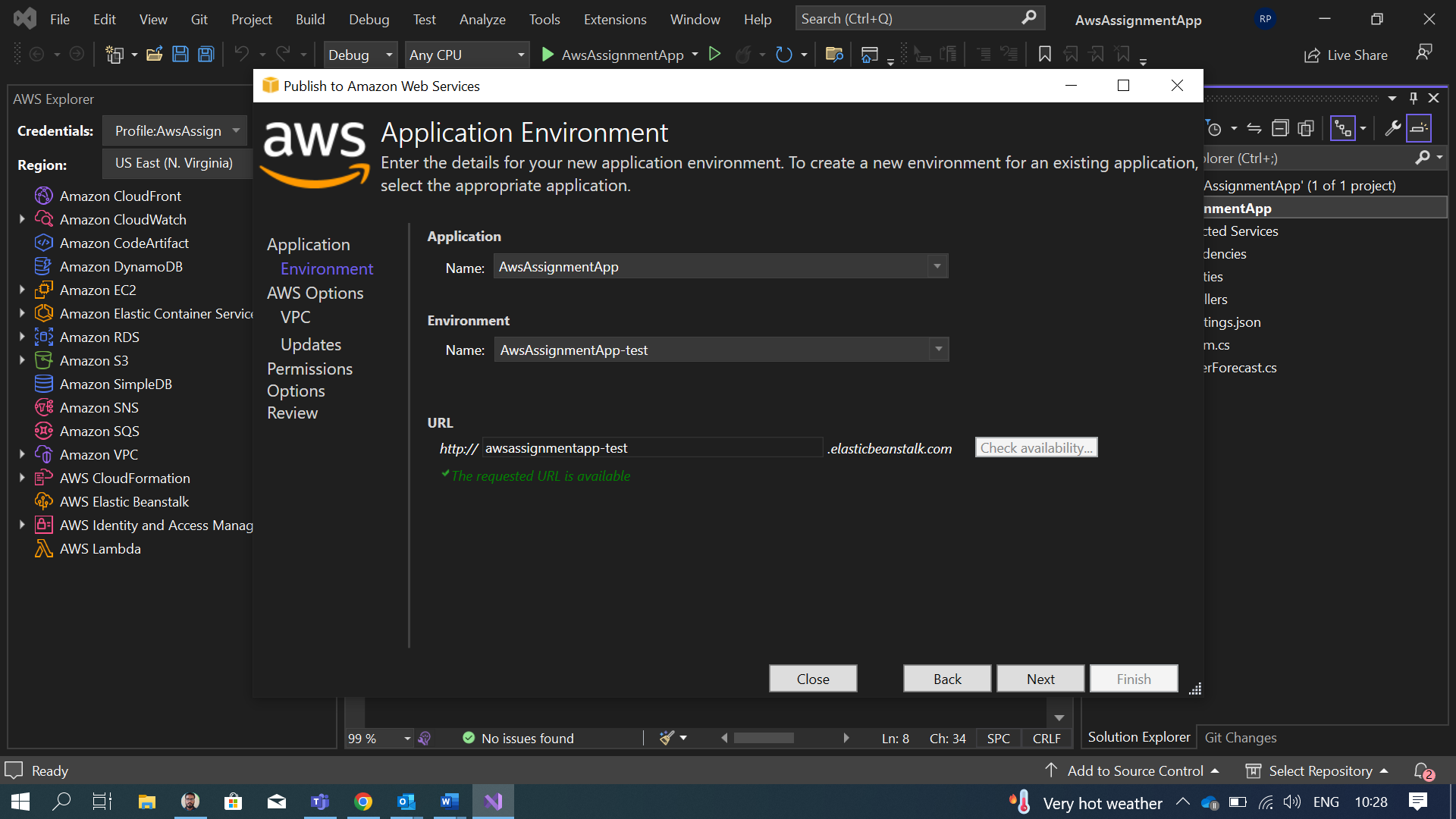


3. **Deploy the same application to Elastic beanstalk Service.**

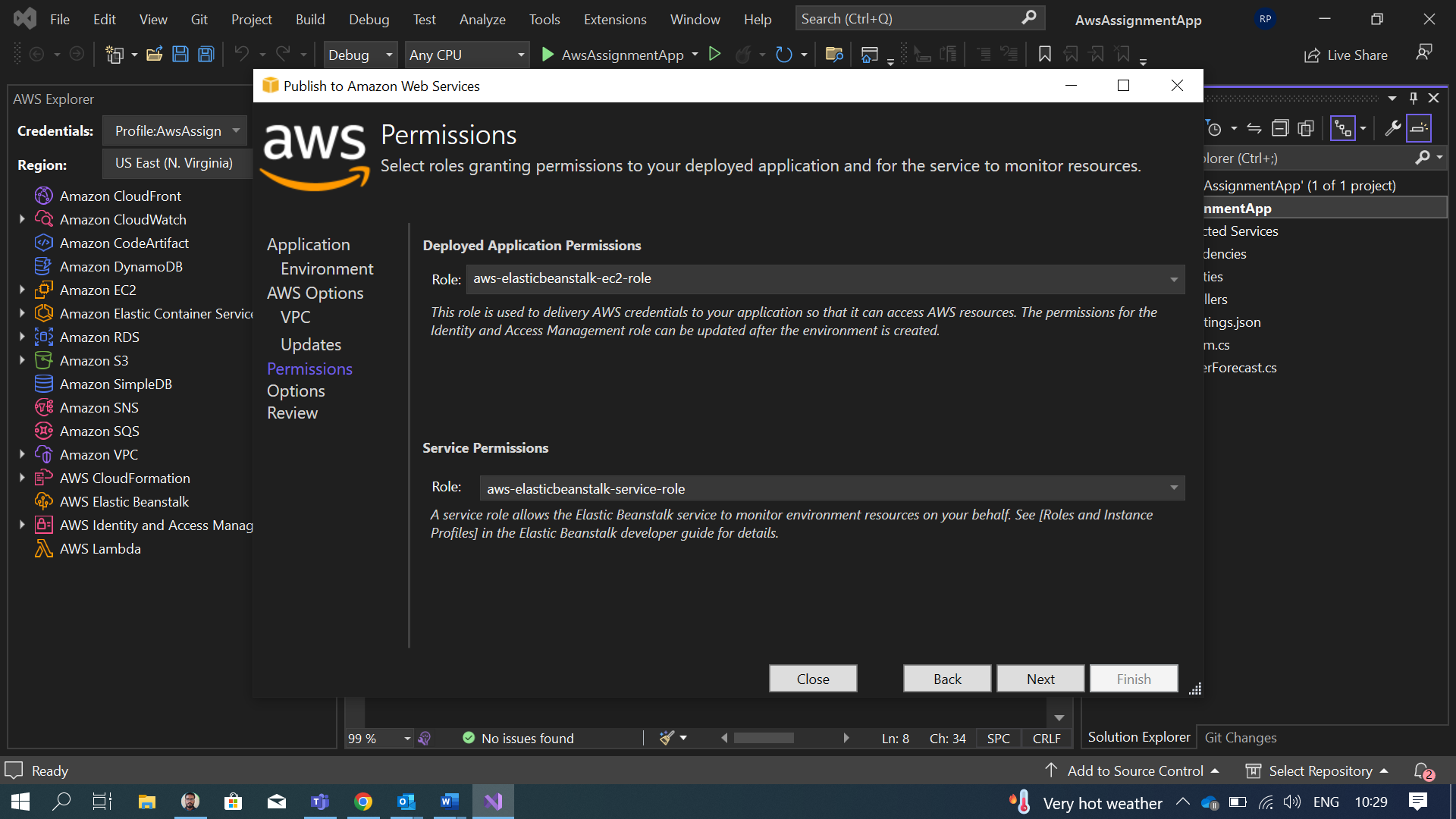
**Installed AWS toolkit for visual studio and did profile set up**

**Then published same application on AWS Elastic beanstalk.**

****



**Created Role**



A screenshot of a computer

Description automatically generated

**Publishing the Application**

A screenshot of a computer

Description automatically generated

**Published Application**

A screenshot of a computer

Description automatically generated

4.

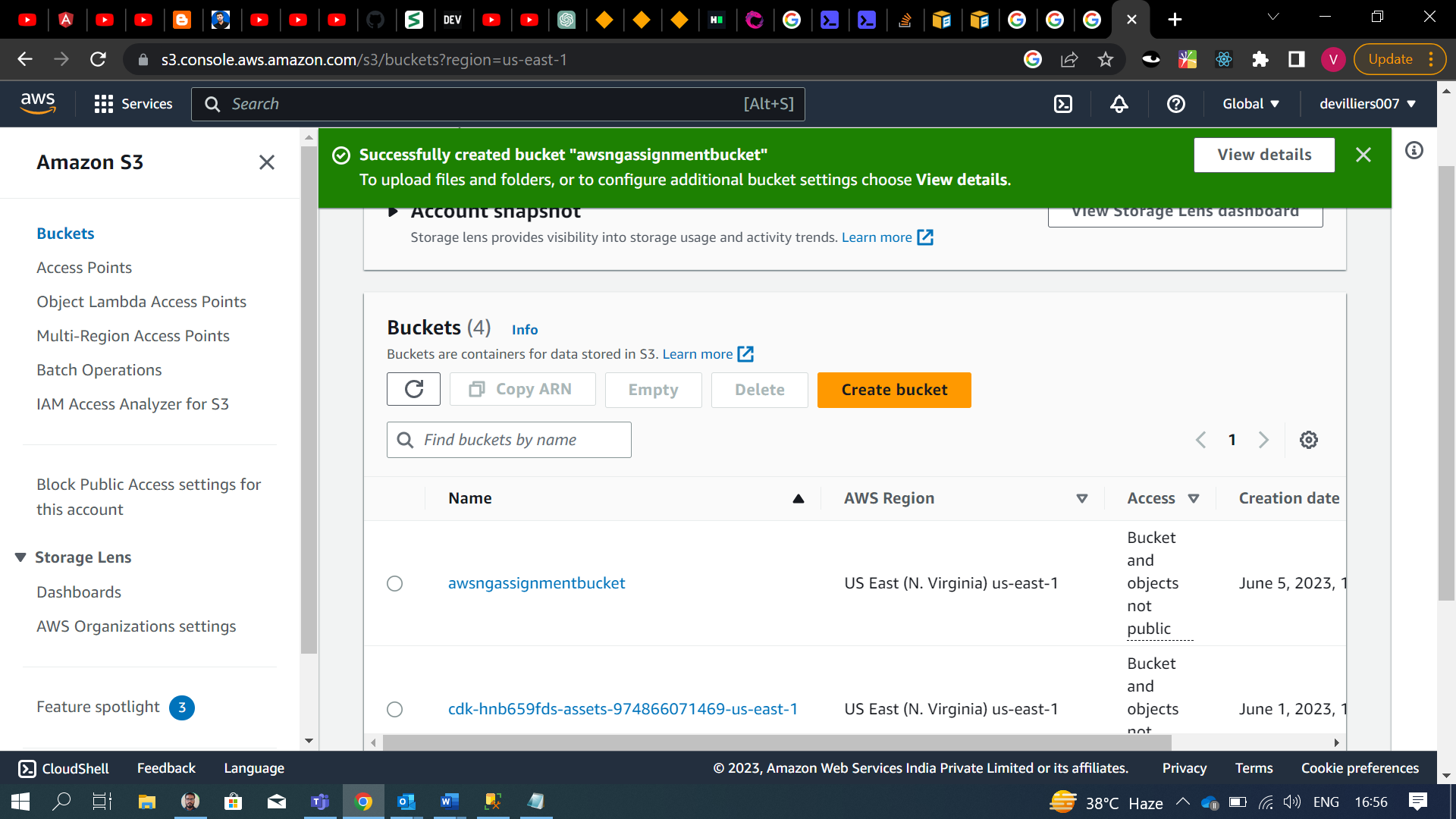
**Create a Lambda that should trigger as soon as you upload a file in the S3 bucket.**

**Function should be able to print the name of the file uploaded in the function.**

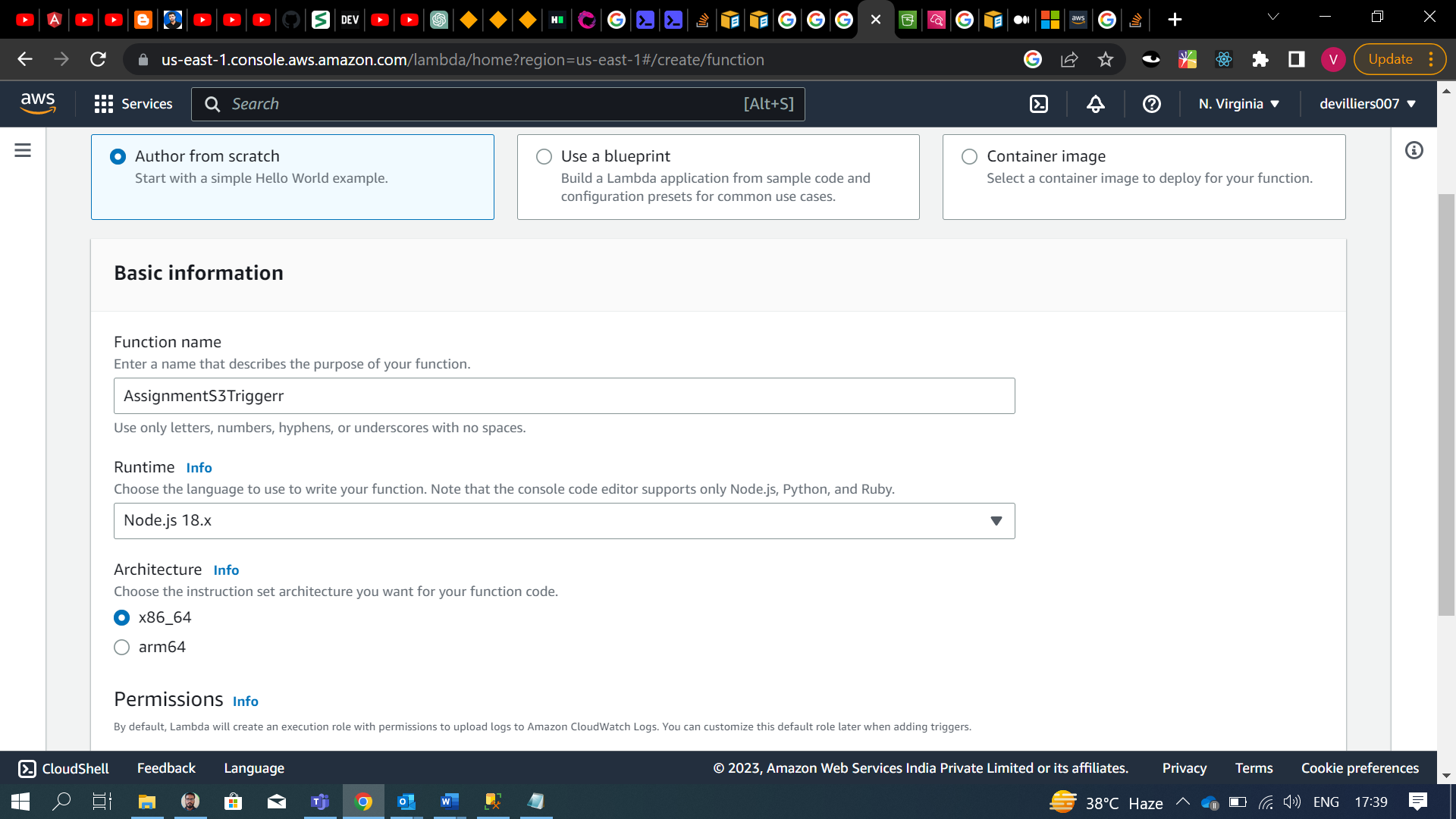
**S3 bucket Creation**

A screenshot of a computer

Description automatically generated



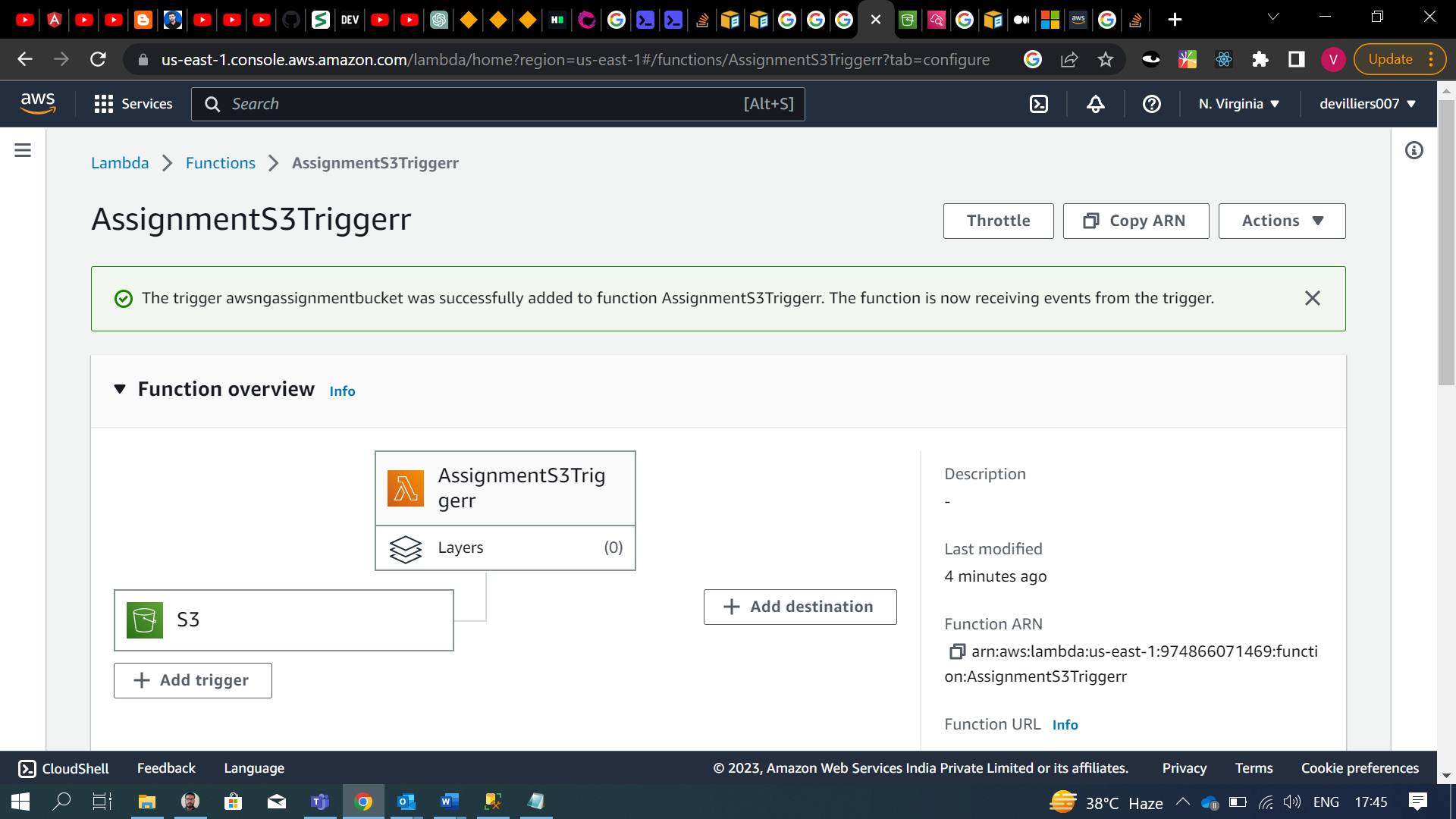
**Lambda Function Creation:**



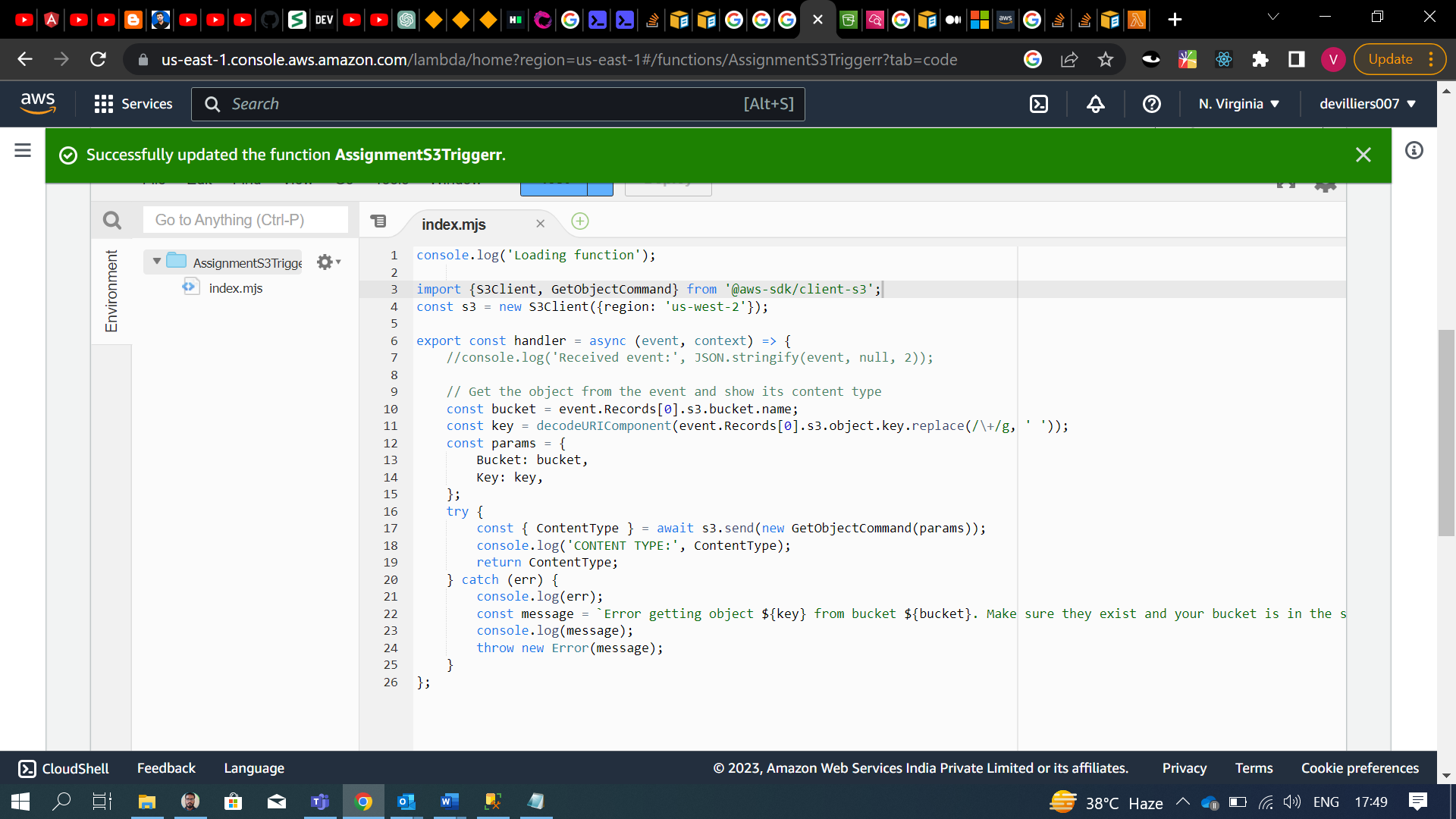
**Adding Trigger:**

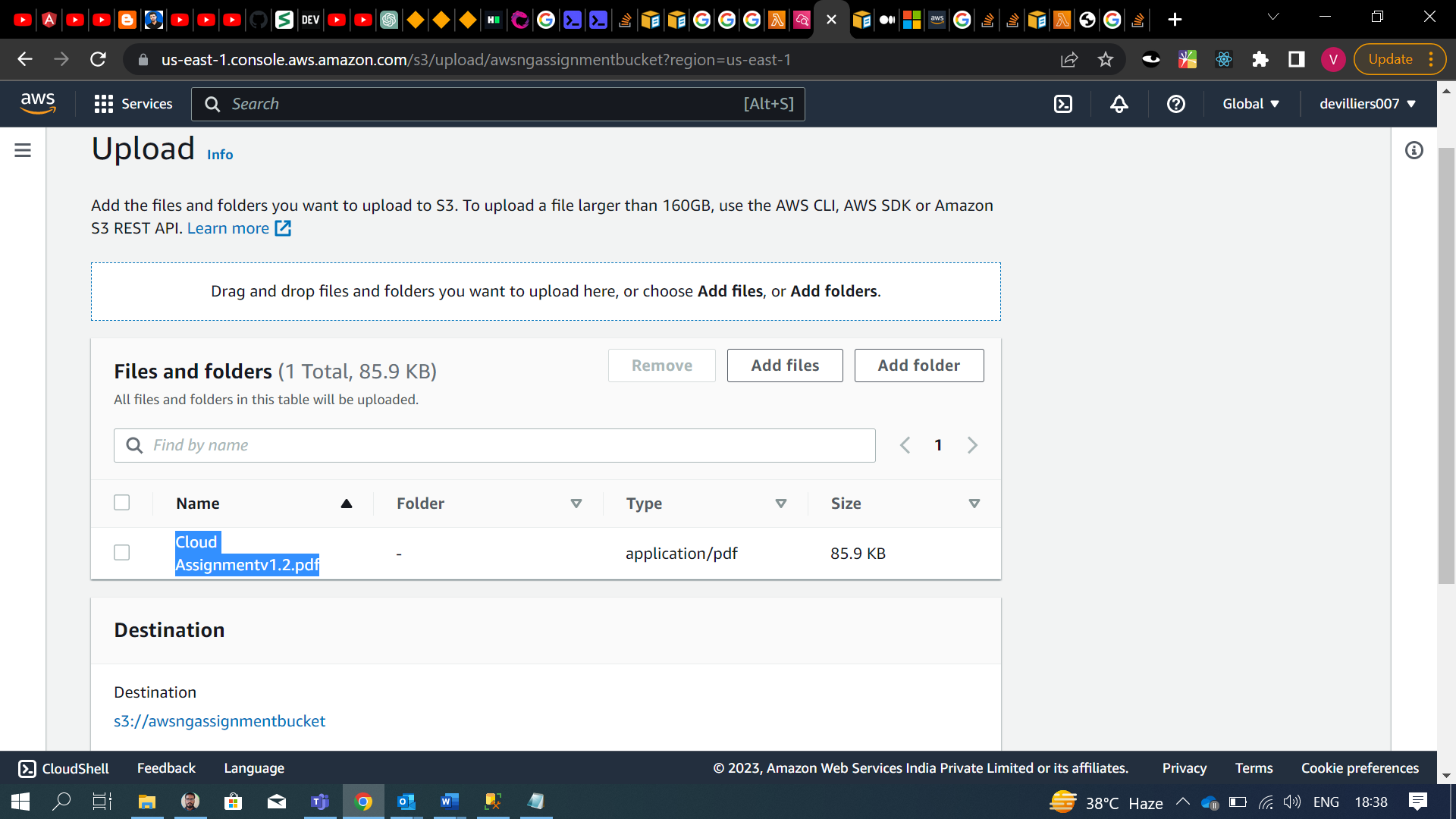
A screenshot of a computer

Description automatically generated



**Triggering Function**





**Uploaded File Name is: Cloud Assignmentv1.2.pdf**

**Function Gets Triggered bucket name and file name can be seen in CloudWatch log**

