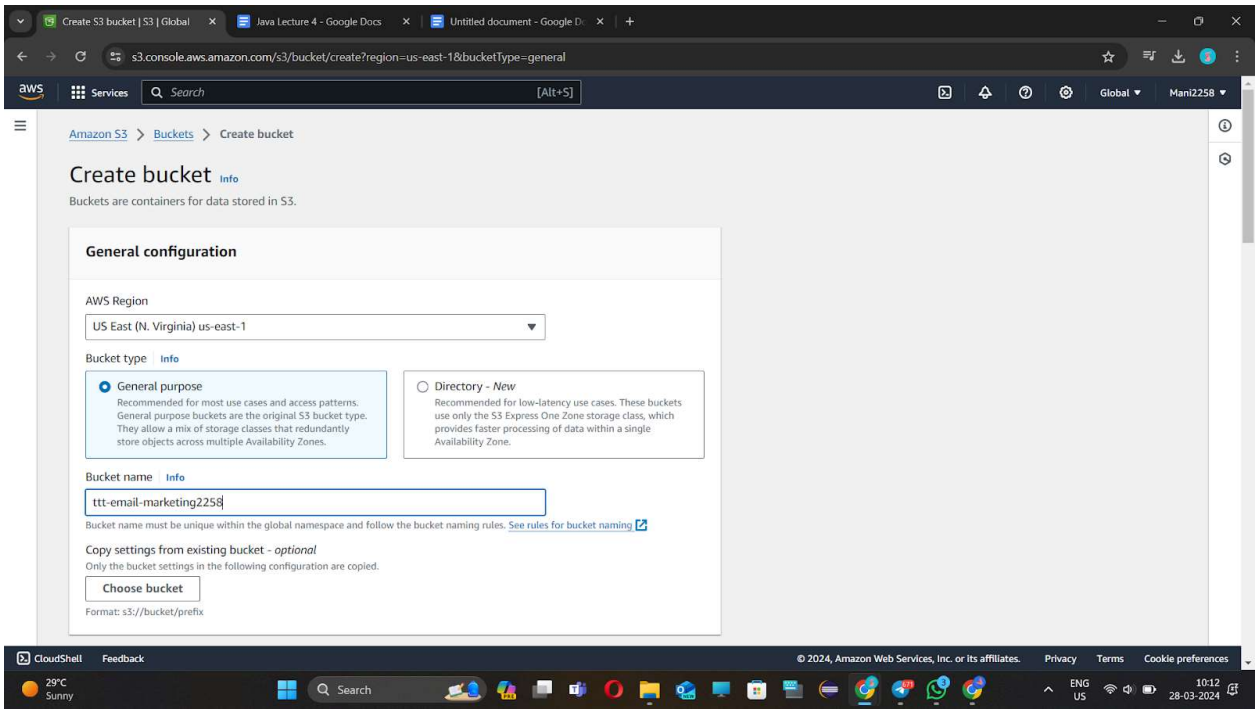
Amazon SES (Simple Email Service) Marketing

Aim : Createing an Email Marketing Campaign System

- Services that are used in this project:
  AWS S3, AWS Lambda, Amazon Simple Email Service, Amazon EventBridge, AWS Identity & Access Management (IAM)

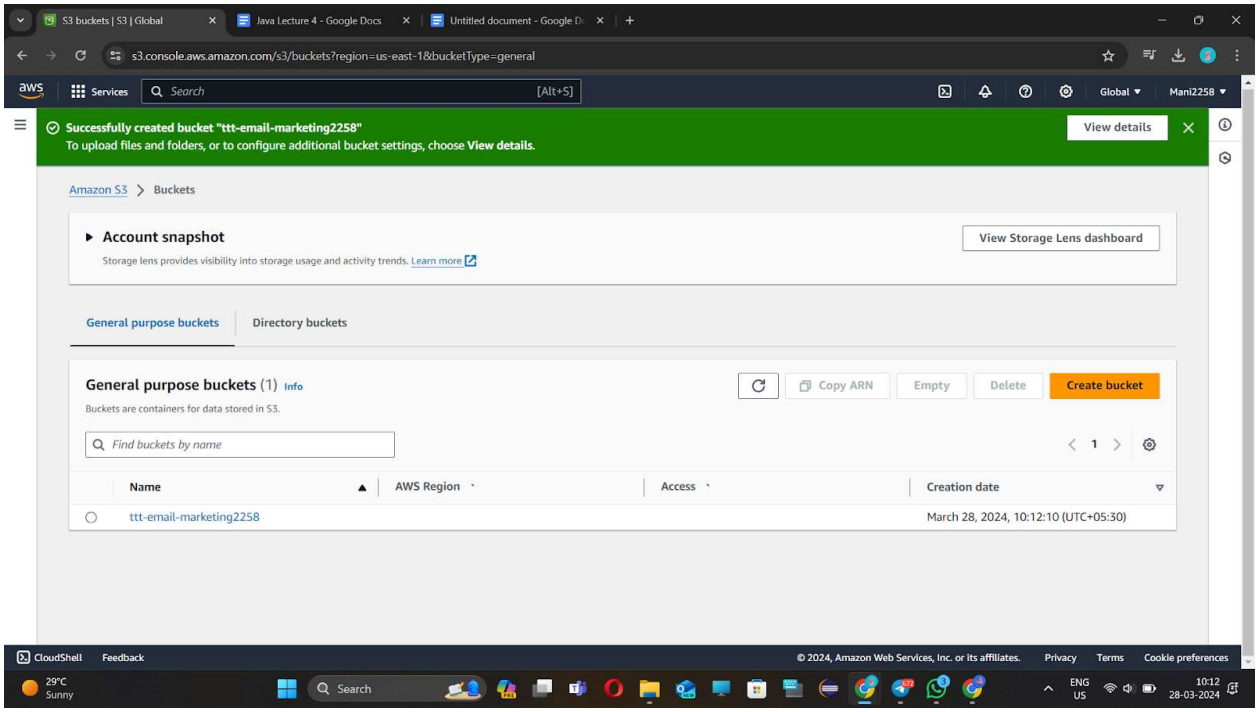
- We have to create an s3 bucket name as ttt-email-marketing2258



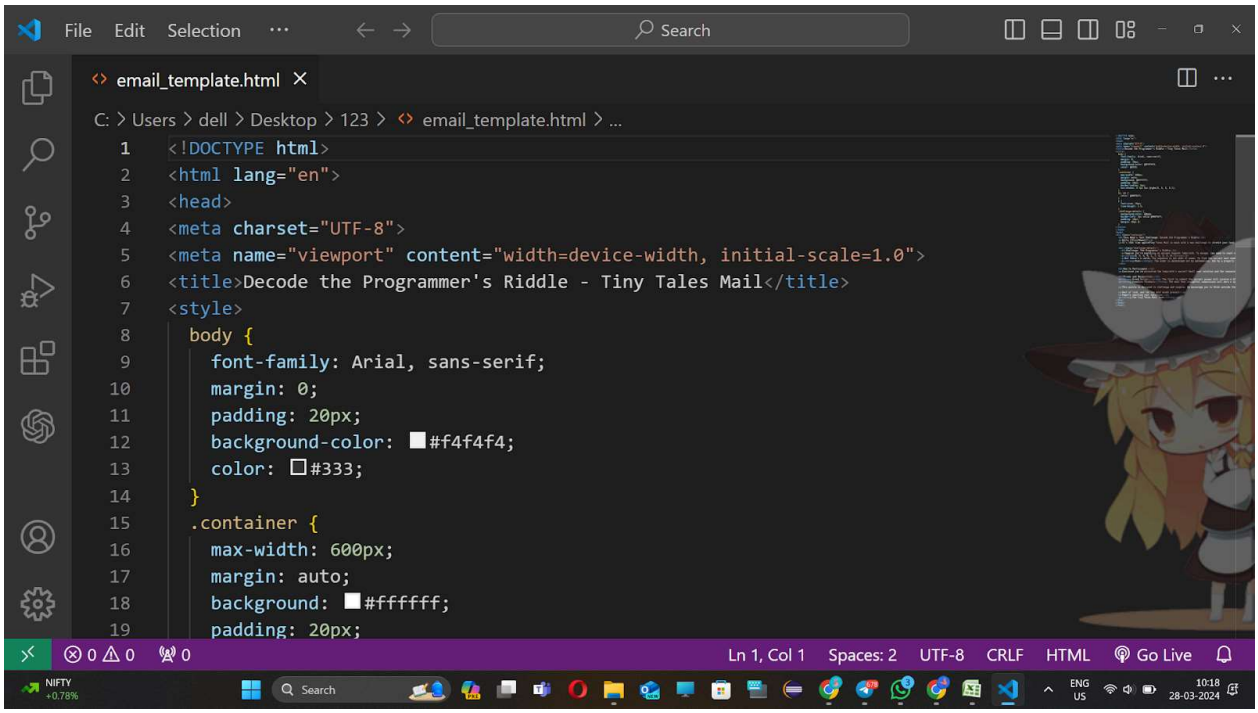
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Then click on the create bucket

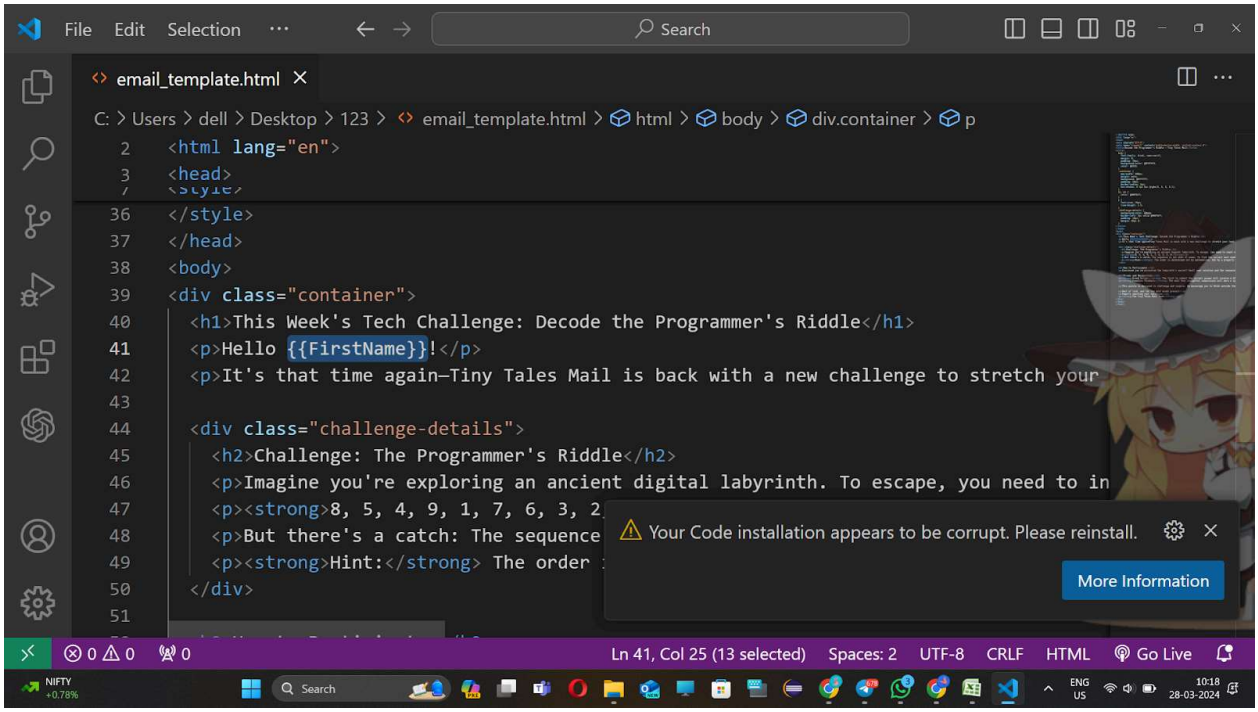


- This is email_template.html that we have to upload in to the s3 bucket this can be taken from the chatgpt as an sample code

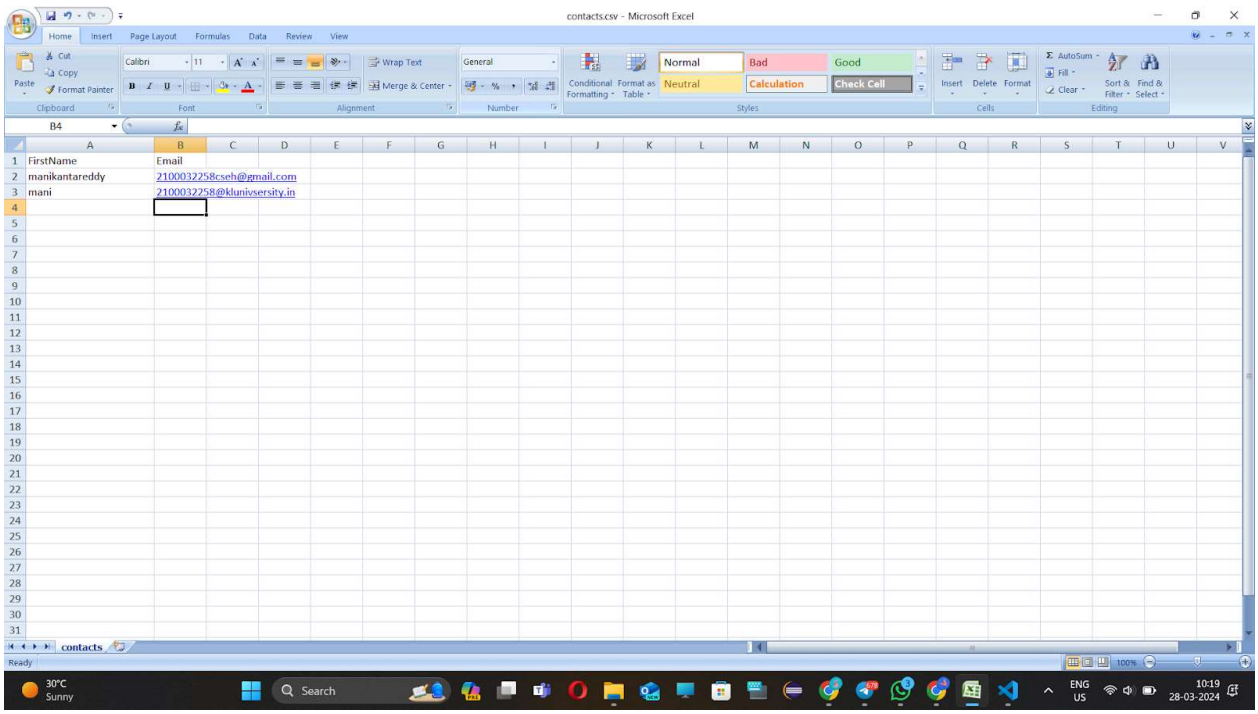


2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing



- This is an contact.csv file this also we have to import in the aws s3

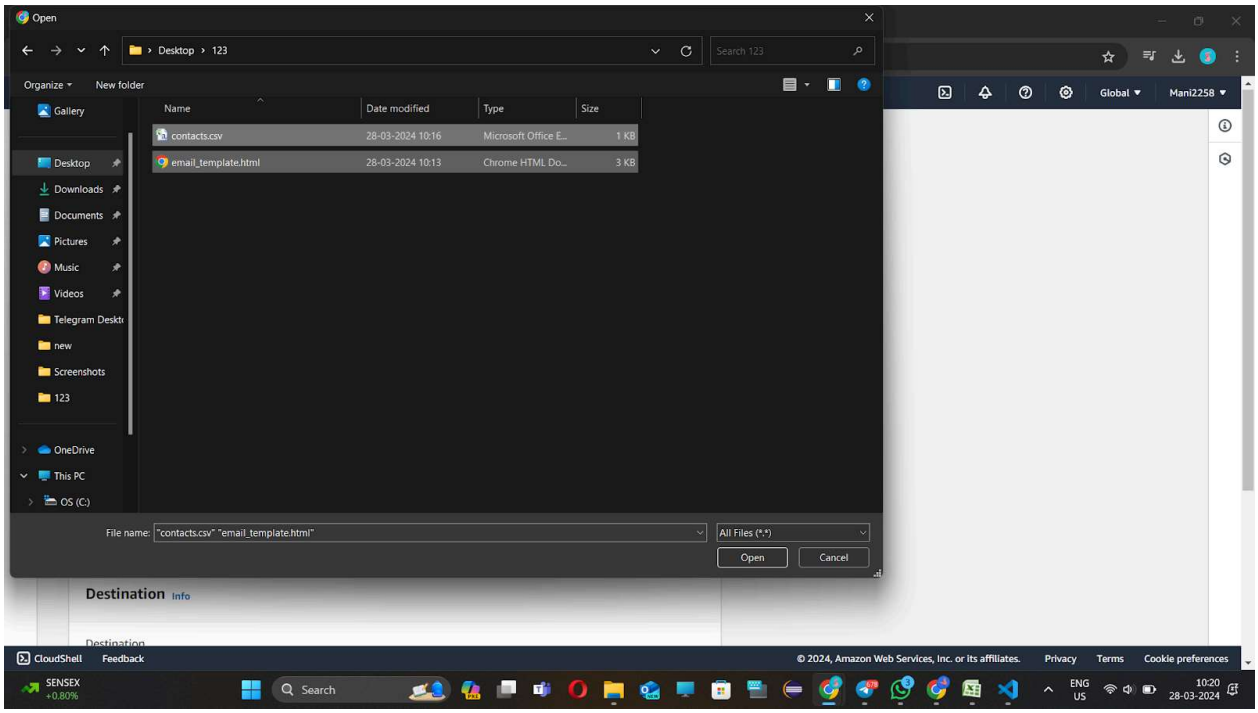


2100032258

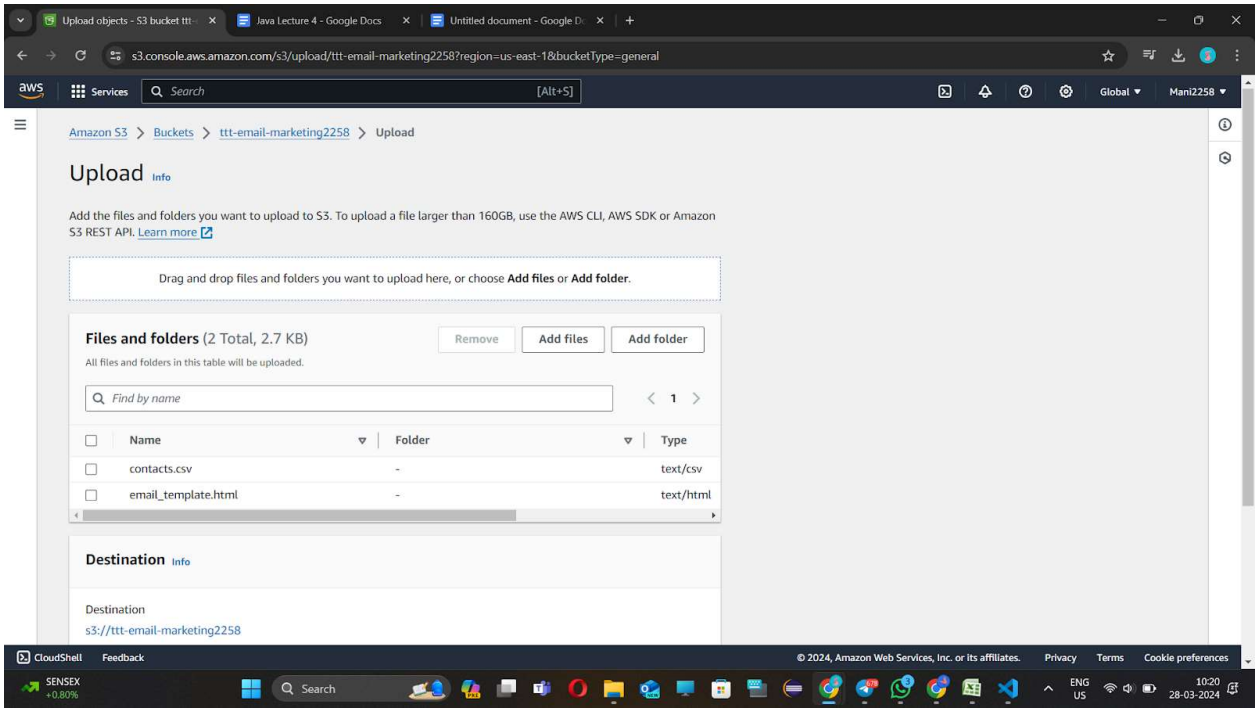
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- These are the two file that we are importing in the s3 bucket



- Now we uploaded the files in the s3

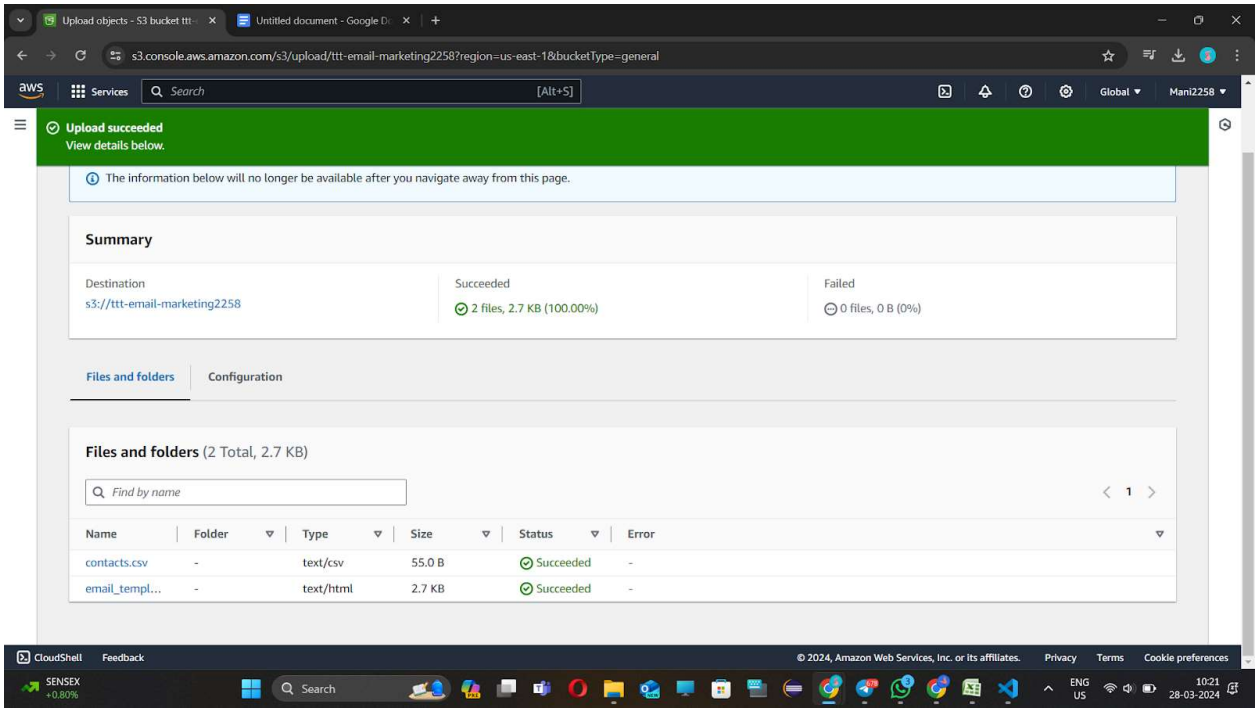


- Successfully files are uploaded in the bucket

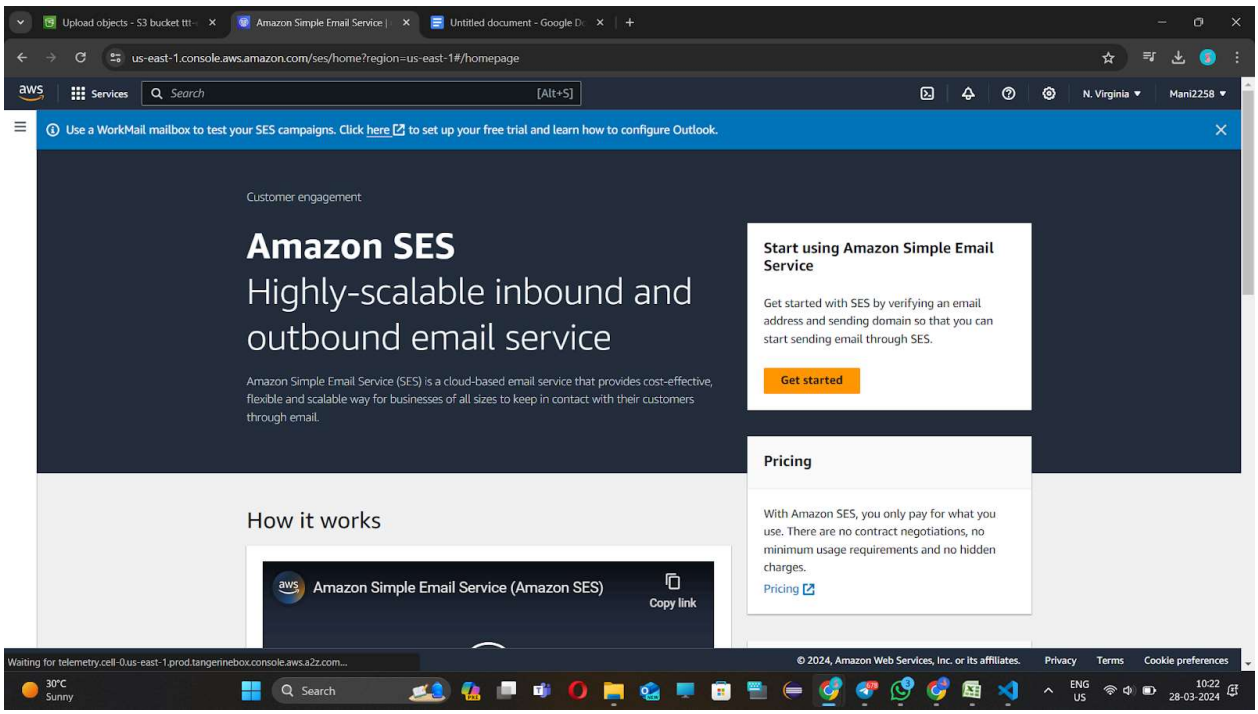
2100032258

K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing



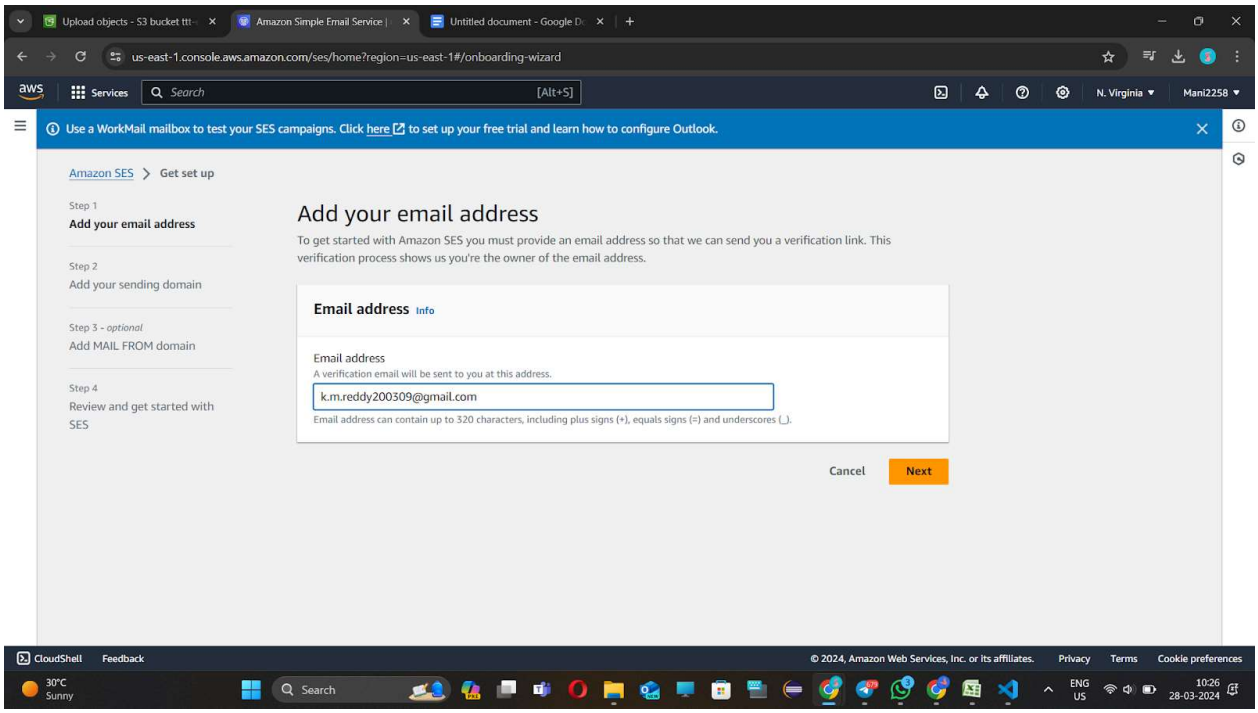
- Now open the Amazon SES from the services now Get started



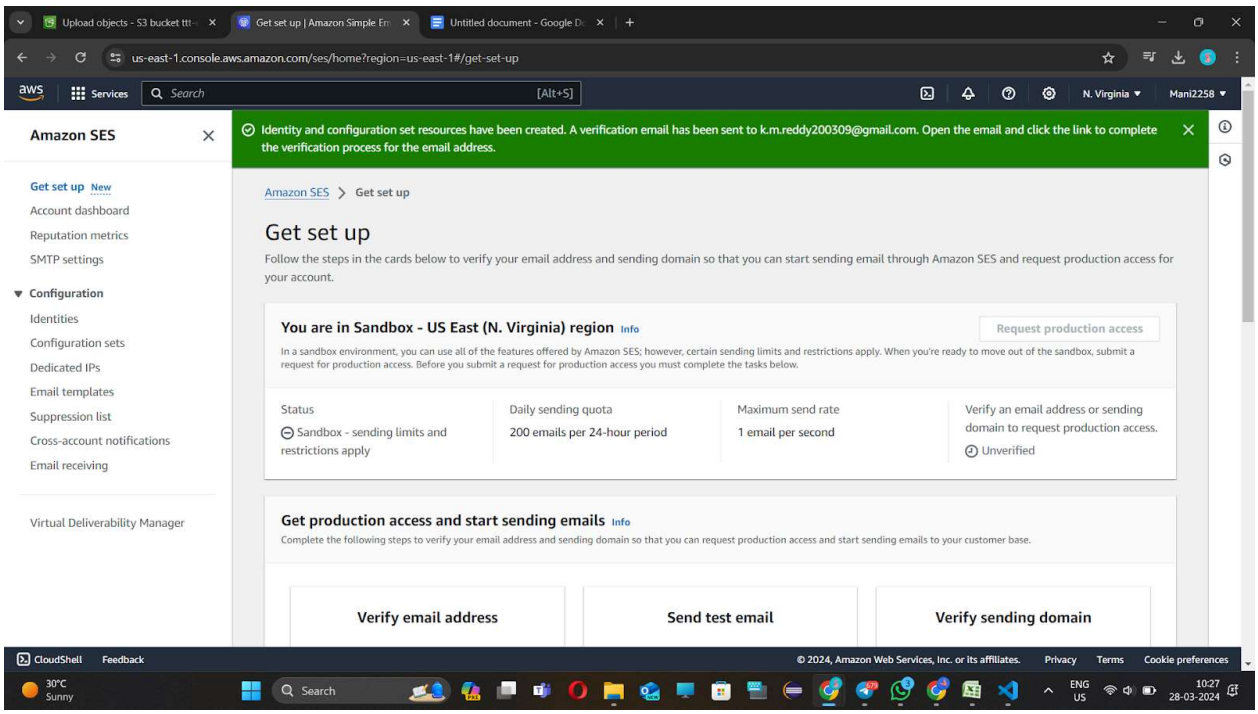
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Add email and click next then you will get the verification mail then verify it



- We can see the pop up that email verification successfully sent

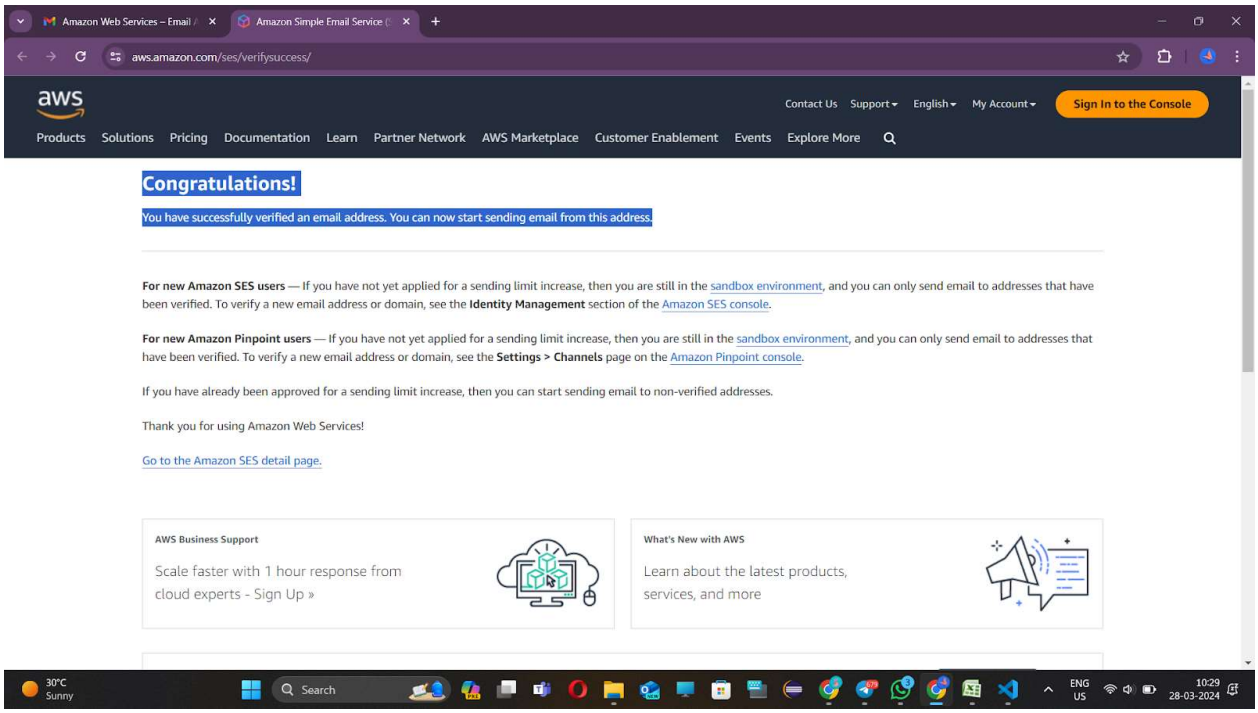


2100032258

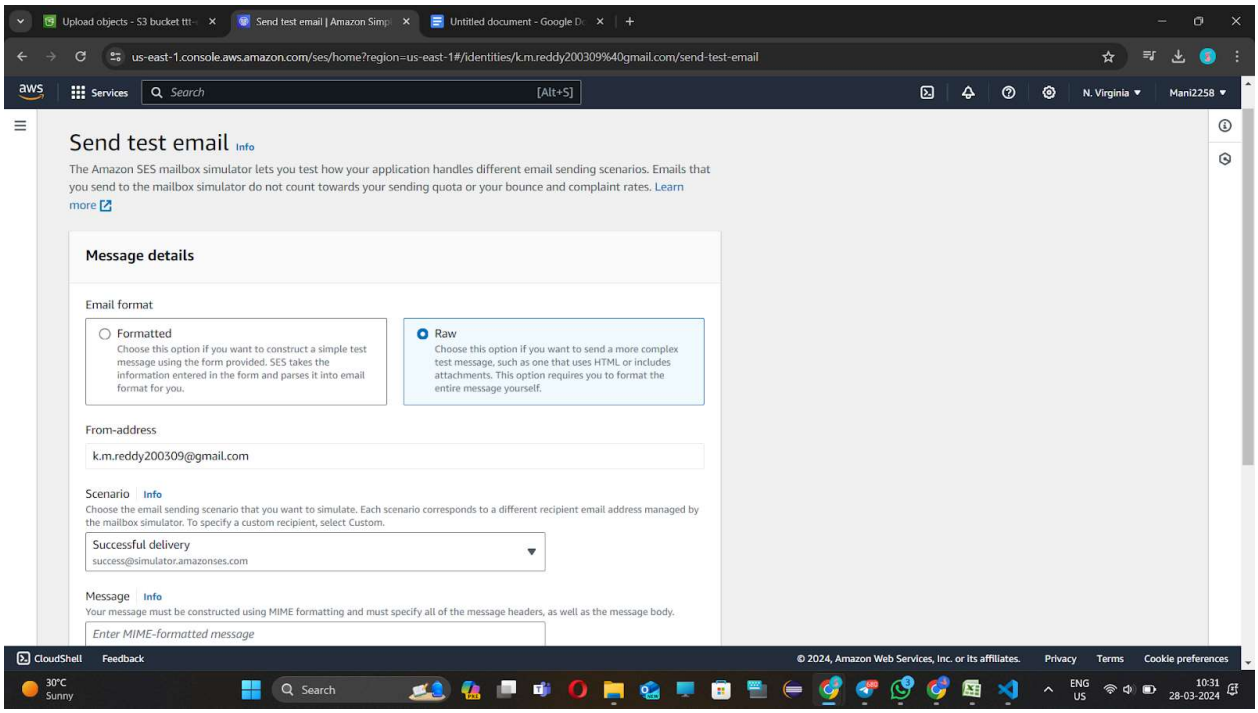
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- After click on the verification mail you will redirect to this page that congratulations that you are successfully verified



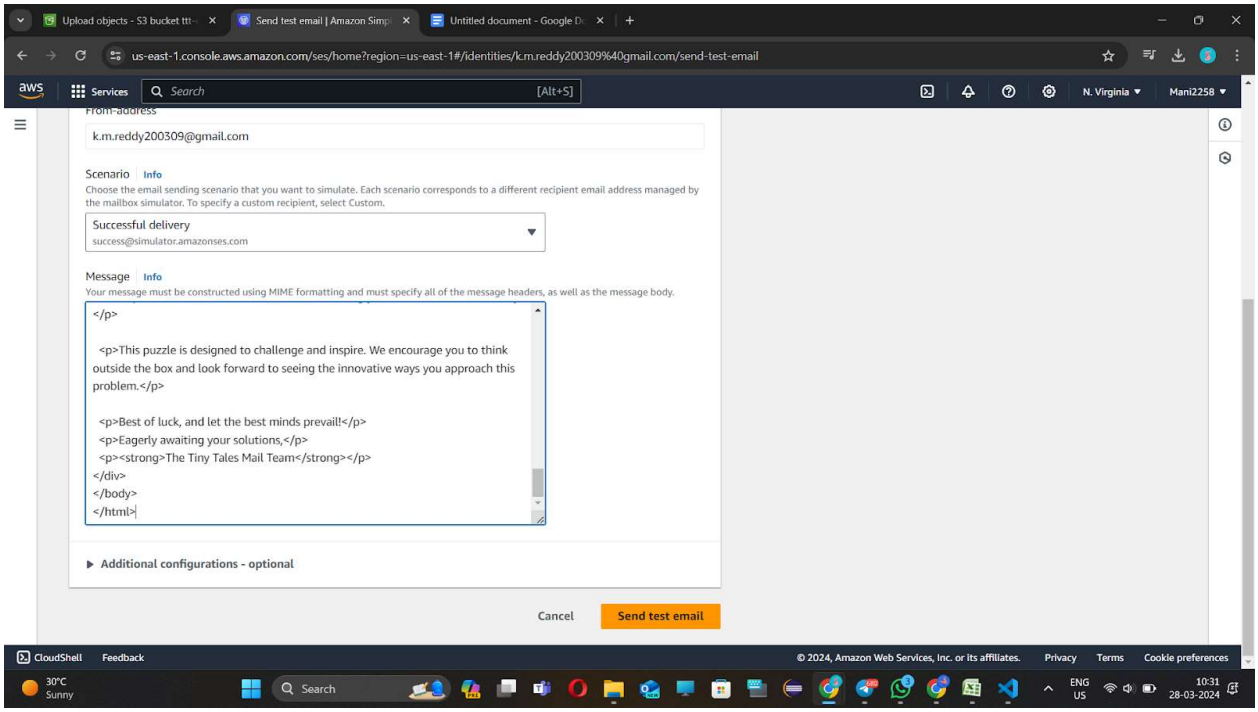
- Click on send test email then select the email format as raw and add email address in from-address



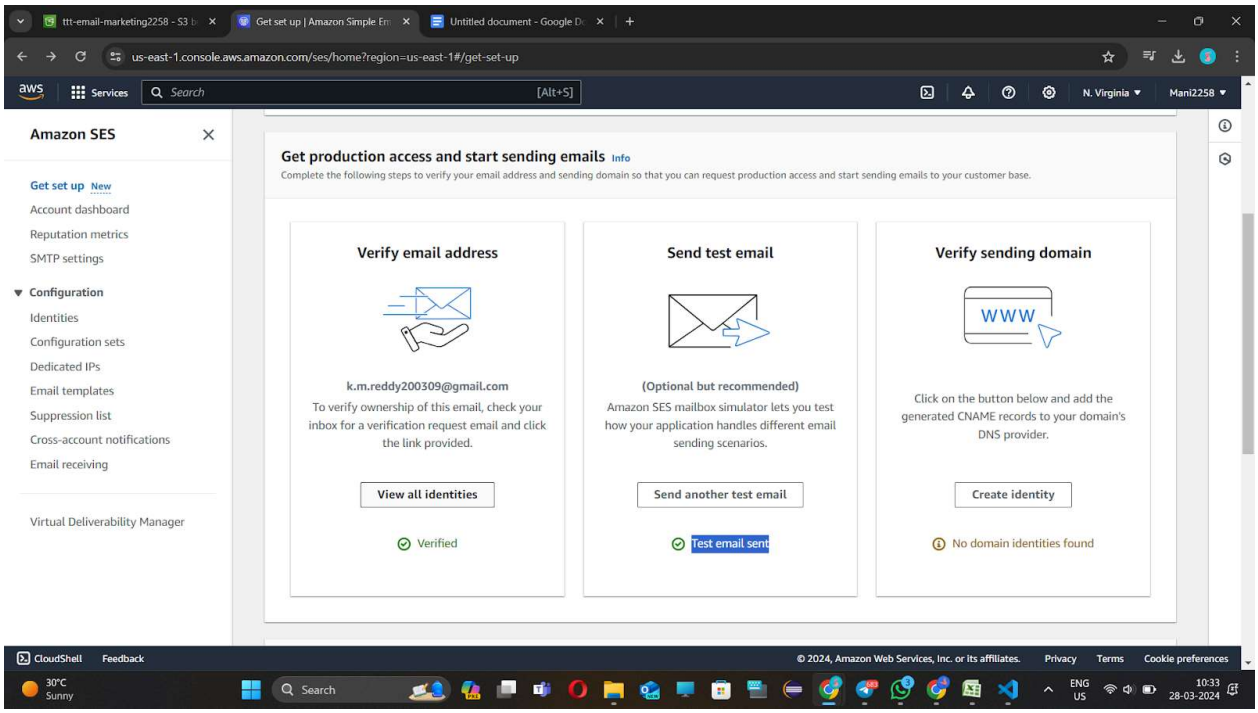
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Add the code that we are used in email_tempelate.html in the message box then click on the send the email



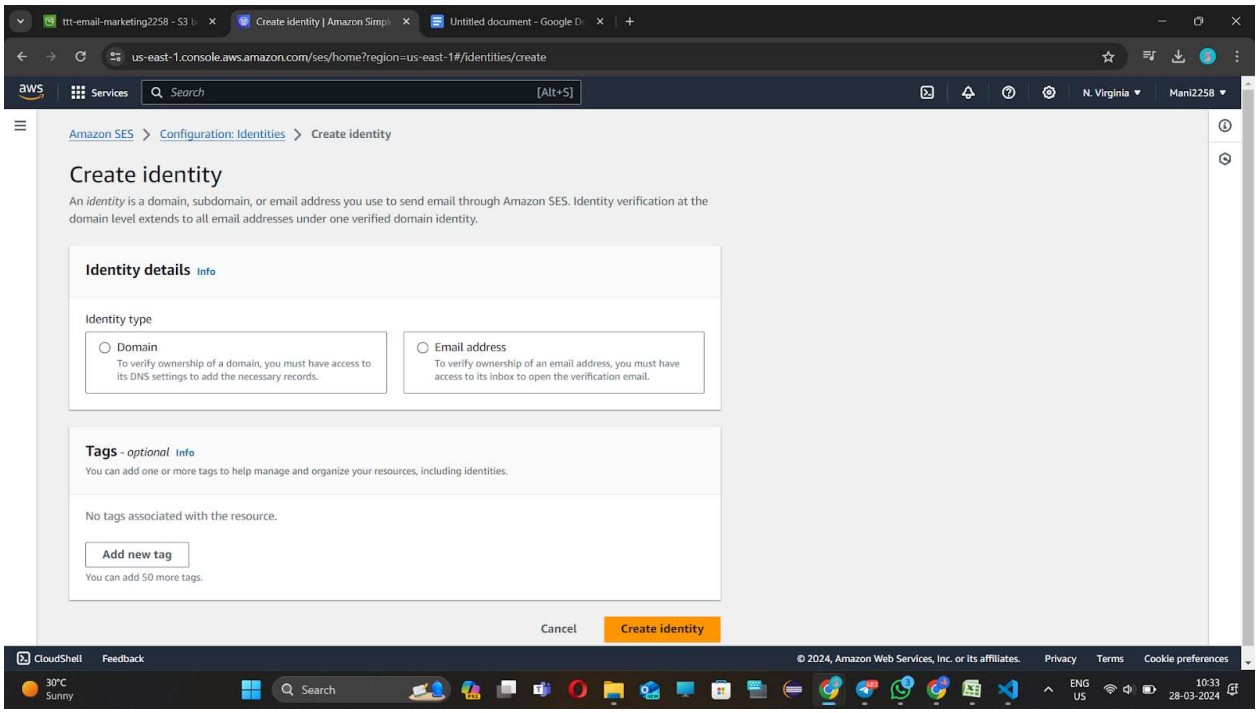
- Now click on the verify email address



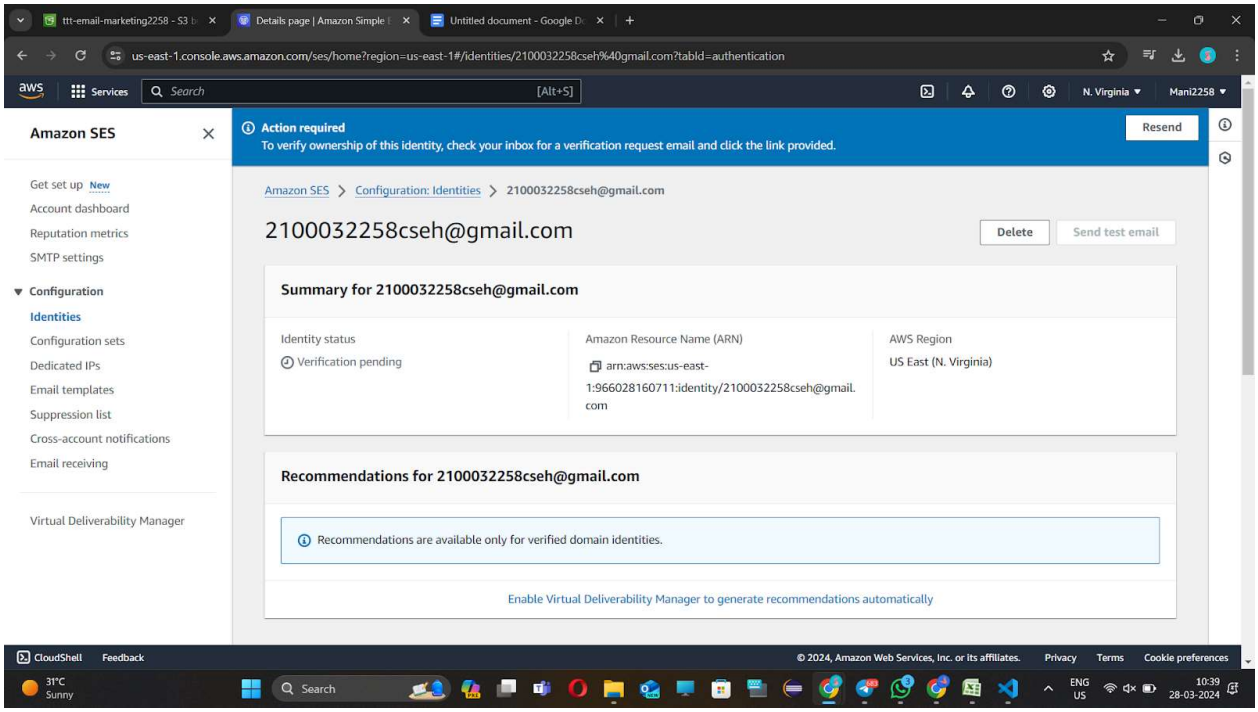
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Select email address then click on create identity by adding email



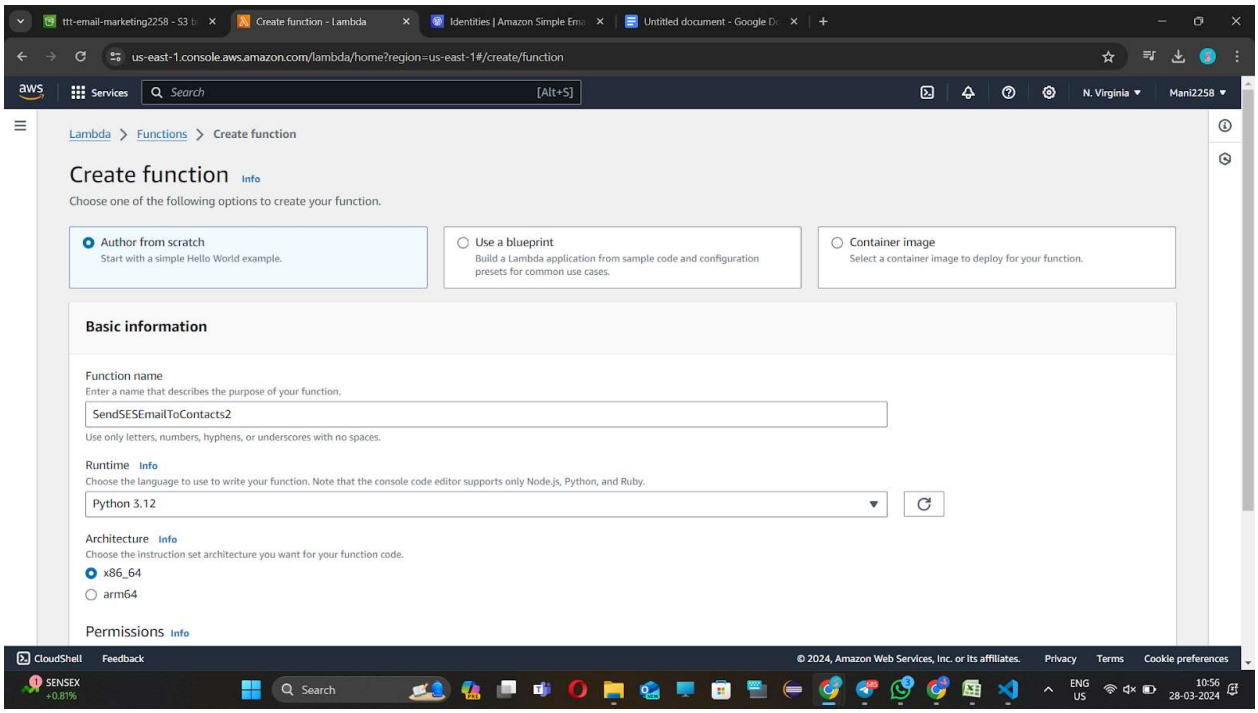
- After adding then you will get the verification mail then we have verify it



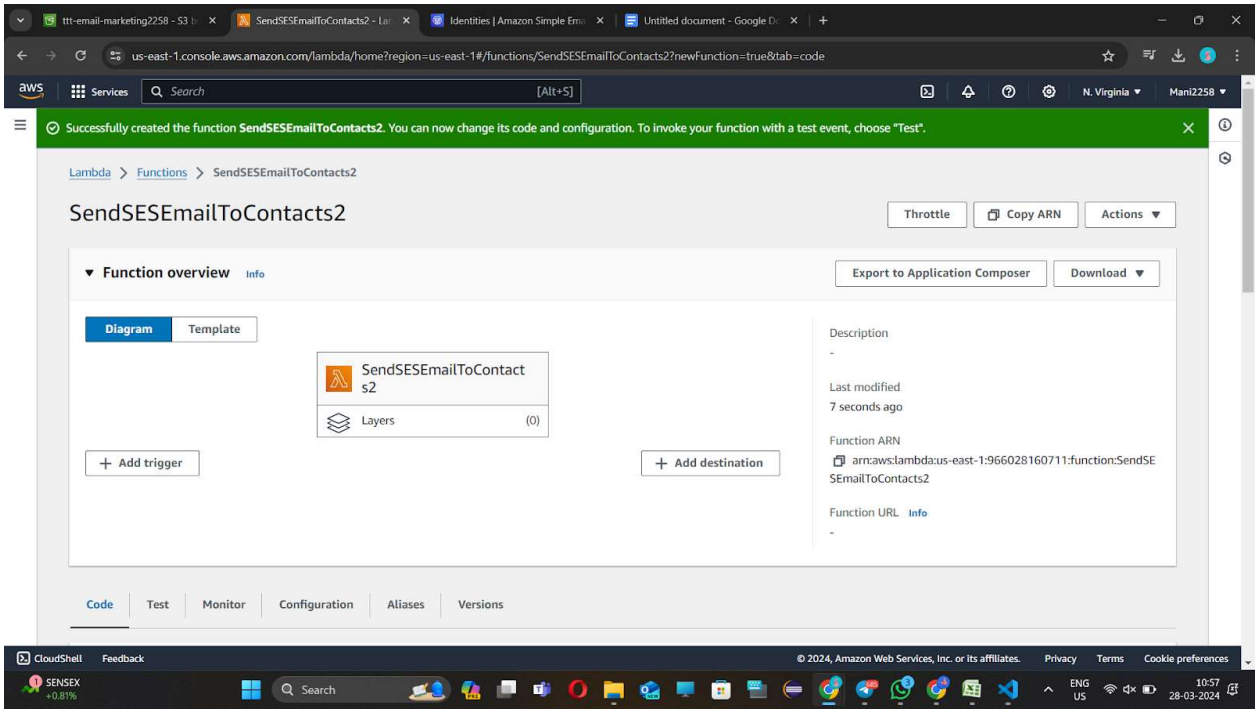
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Now open lambda function and create an function by giving the required fields shown in the image



- Successfully lambda function created

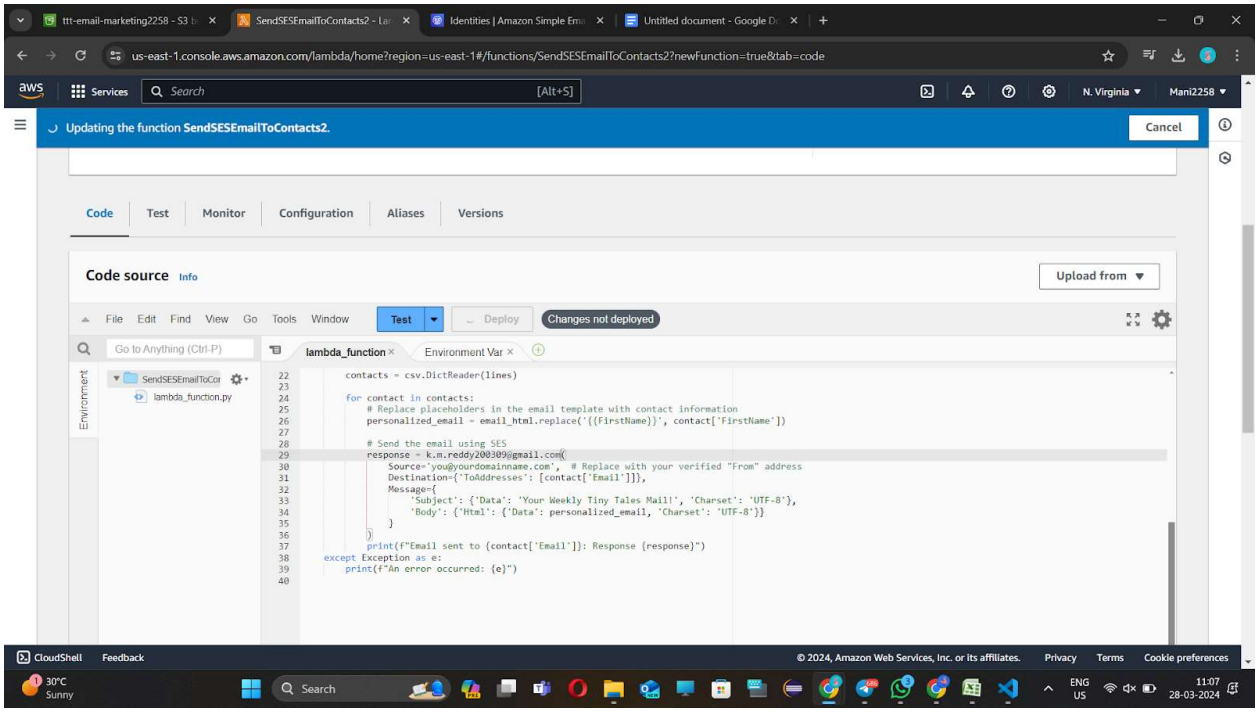


2100032258

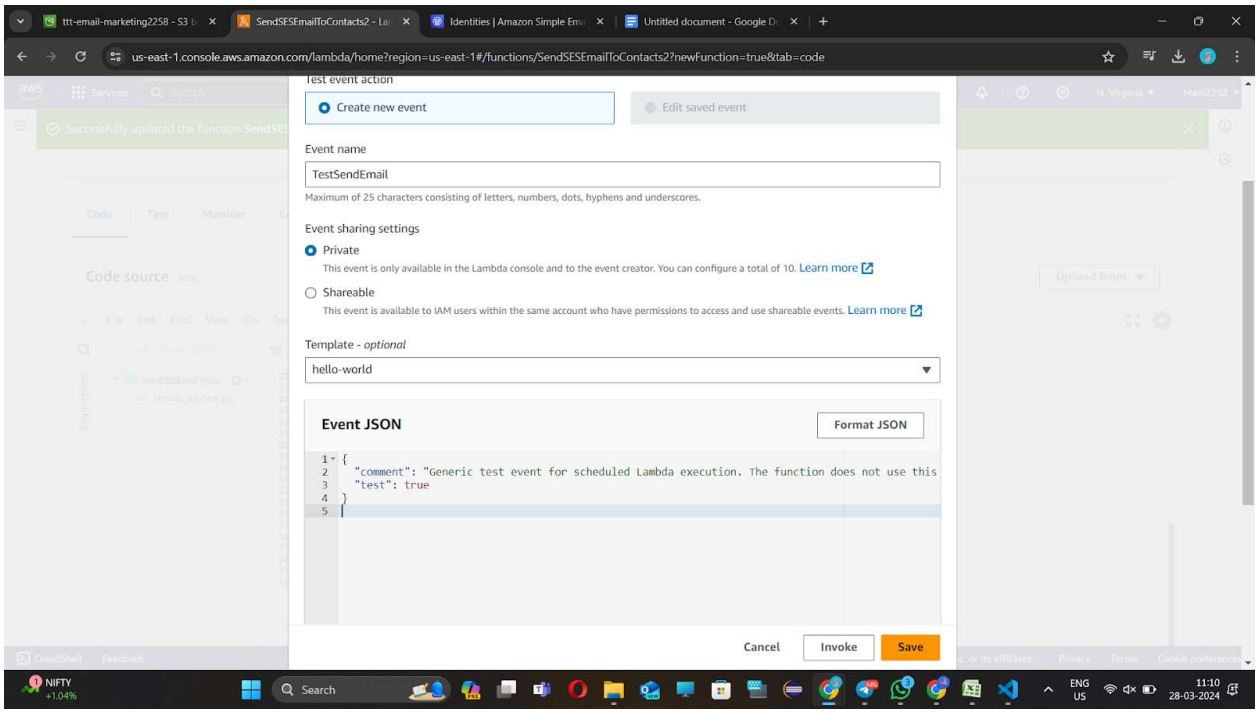
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Change the lambda function code and the required code in it



- Now click on configure then add the required fields as in the image and change the code of Event JSON

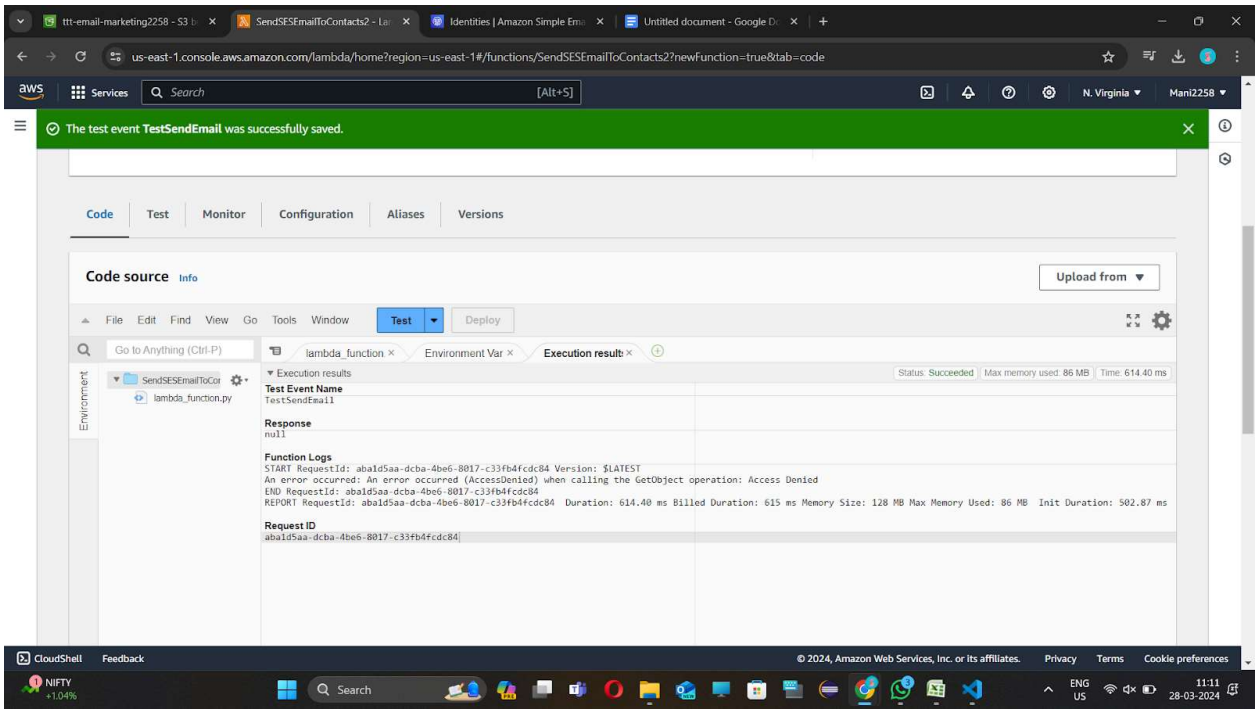


2100032258

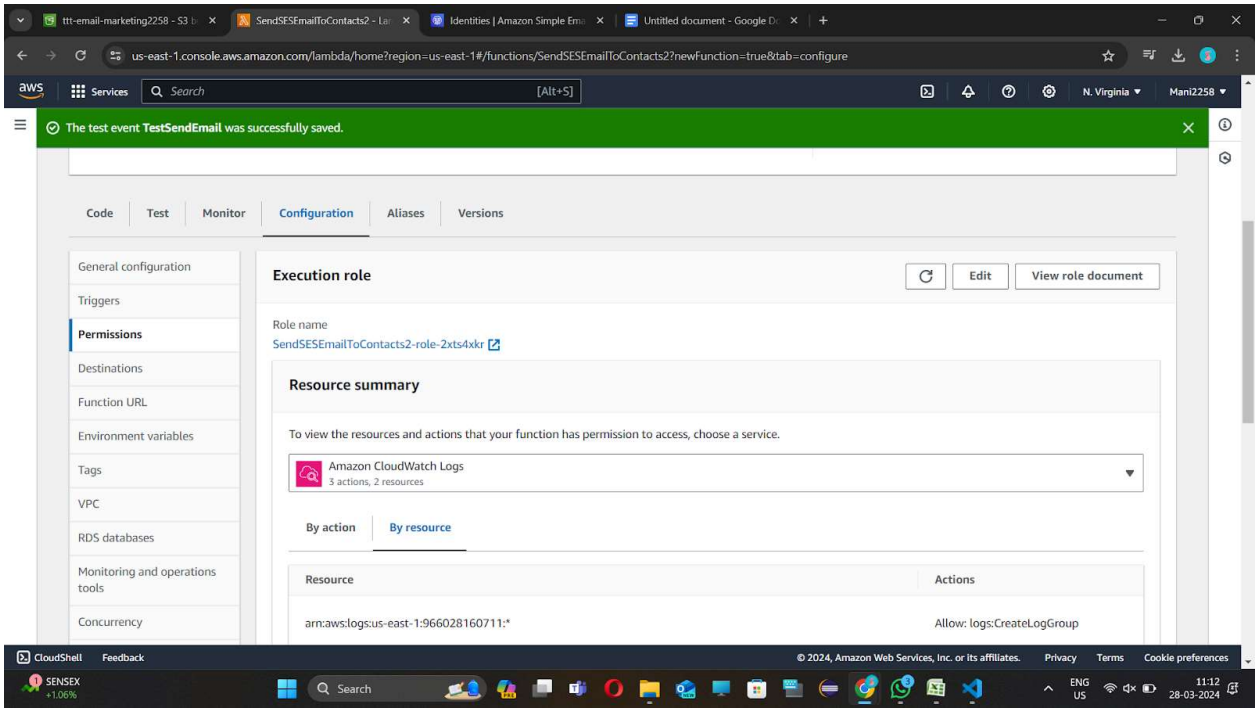
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Now once check the code by click on the test

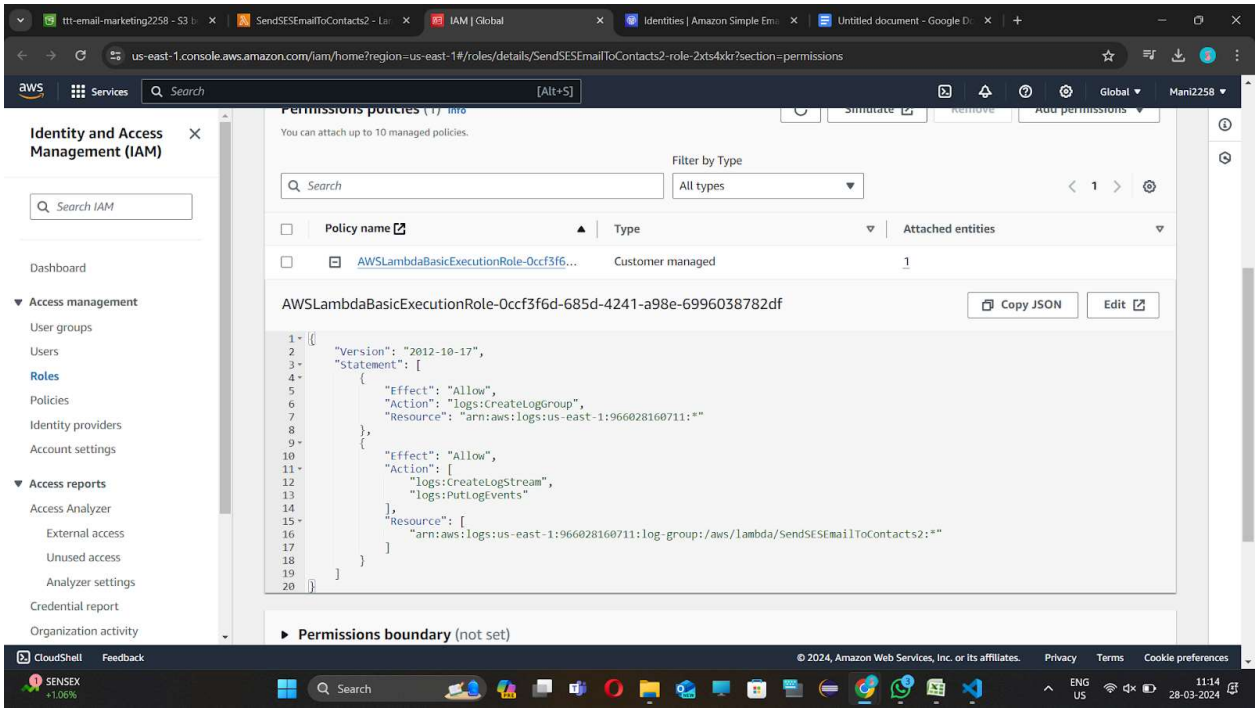


- Go to the configure dashboard then click IAM dashboard

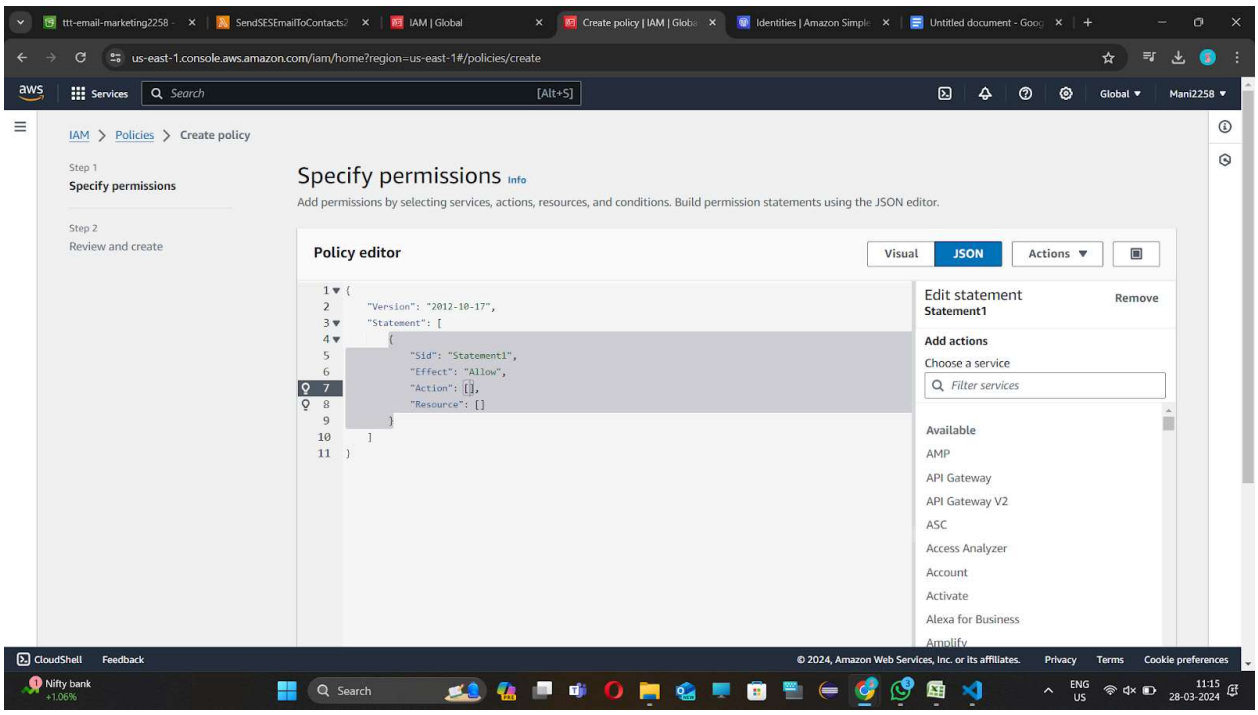


2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing



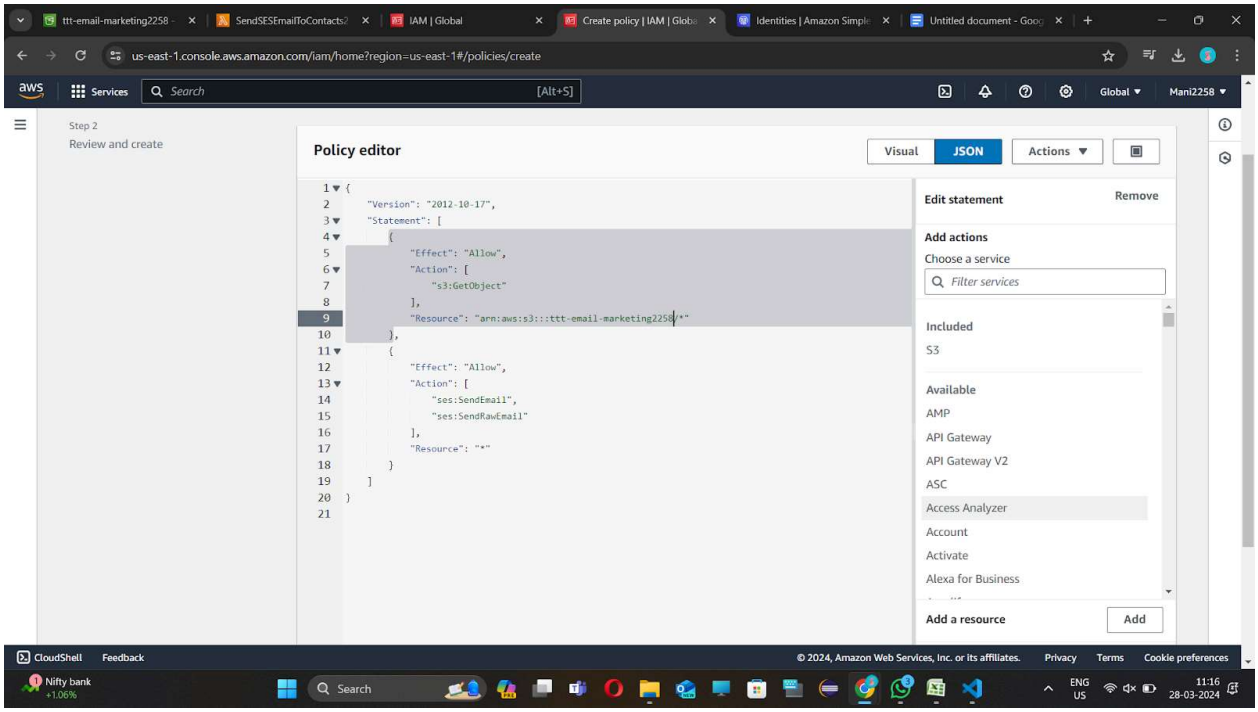
- Now go to the policies then remove the code existed



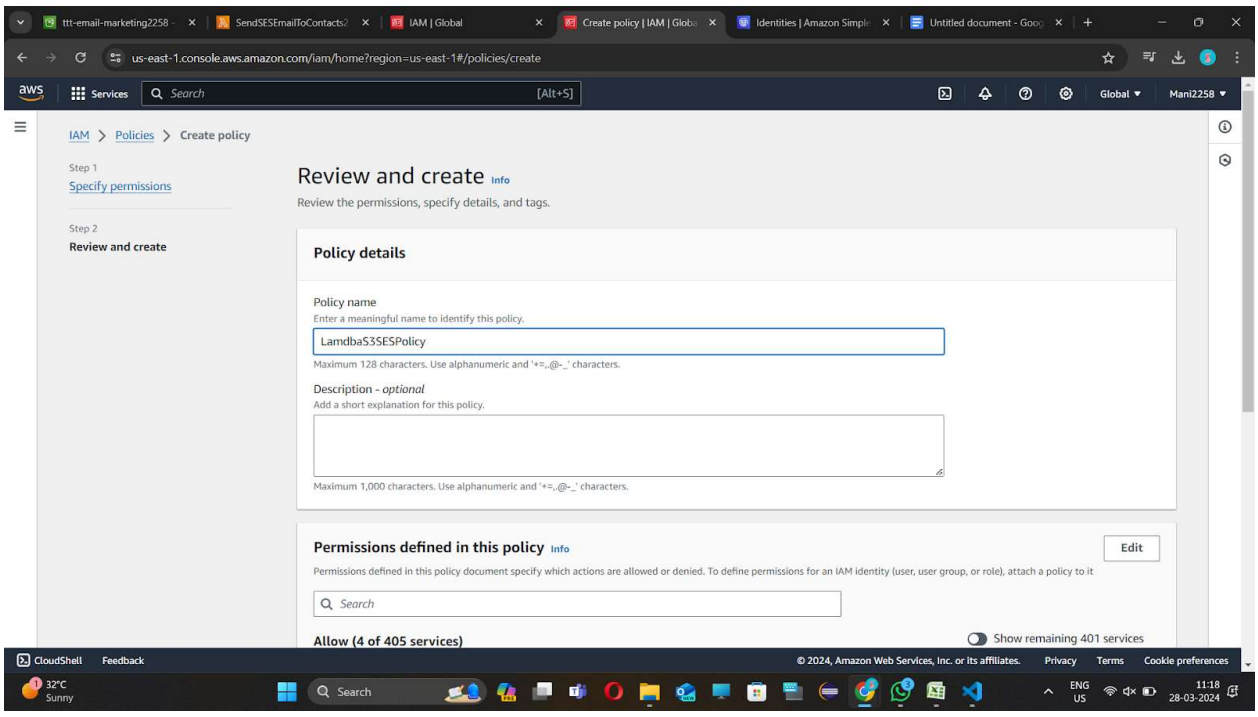
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Now add the required code in the policy editor

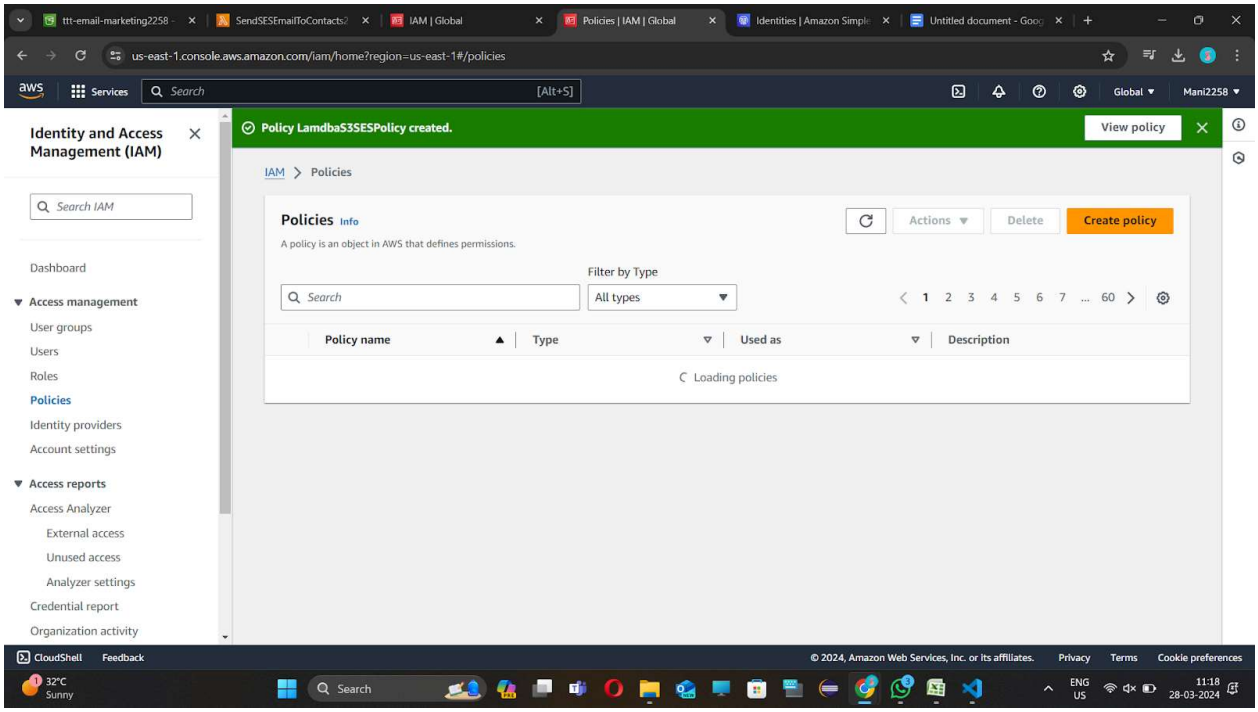


- Then create an policy

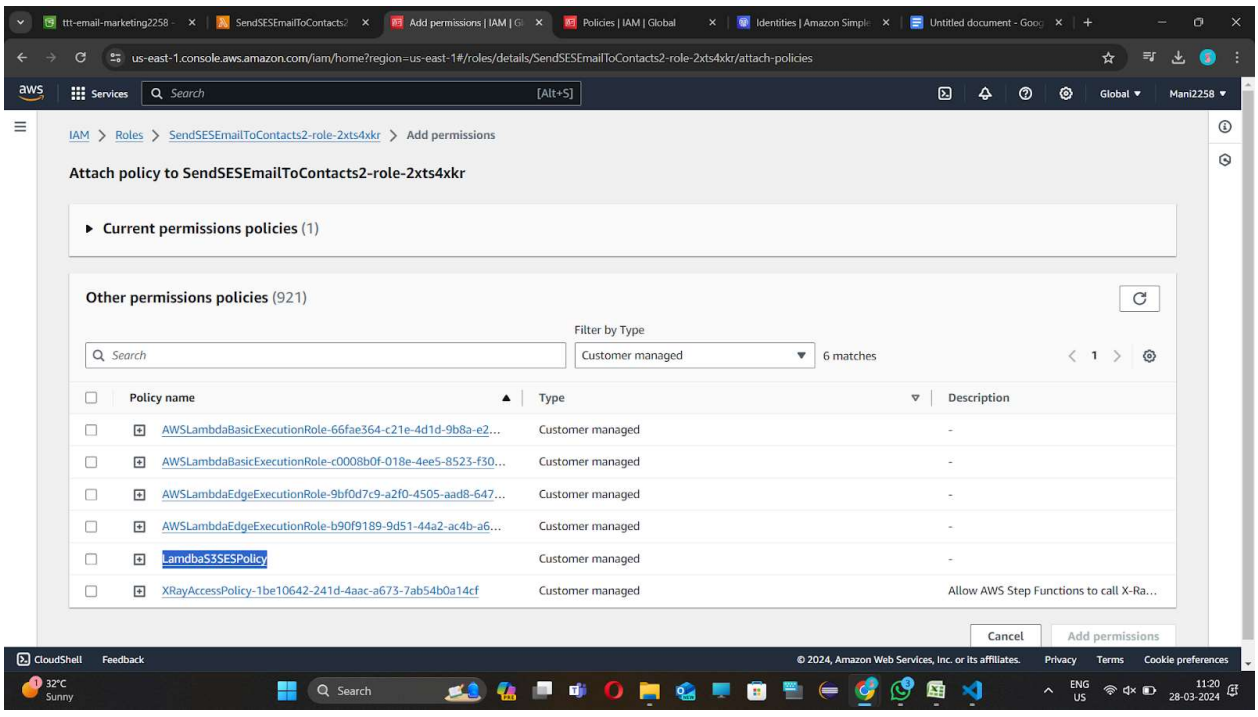


2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing



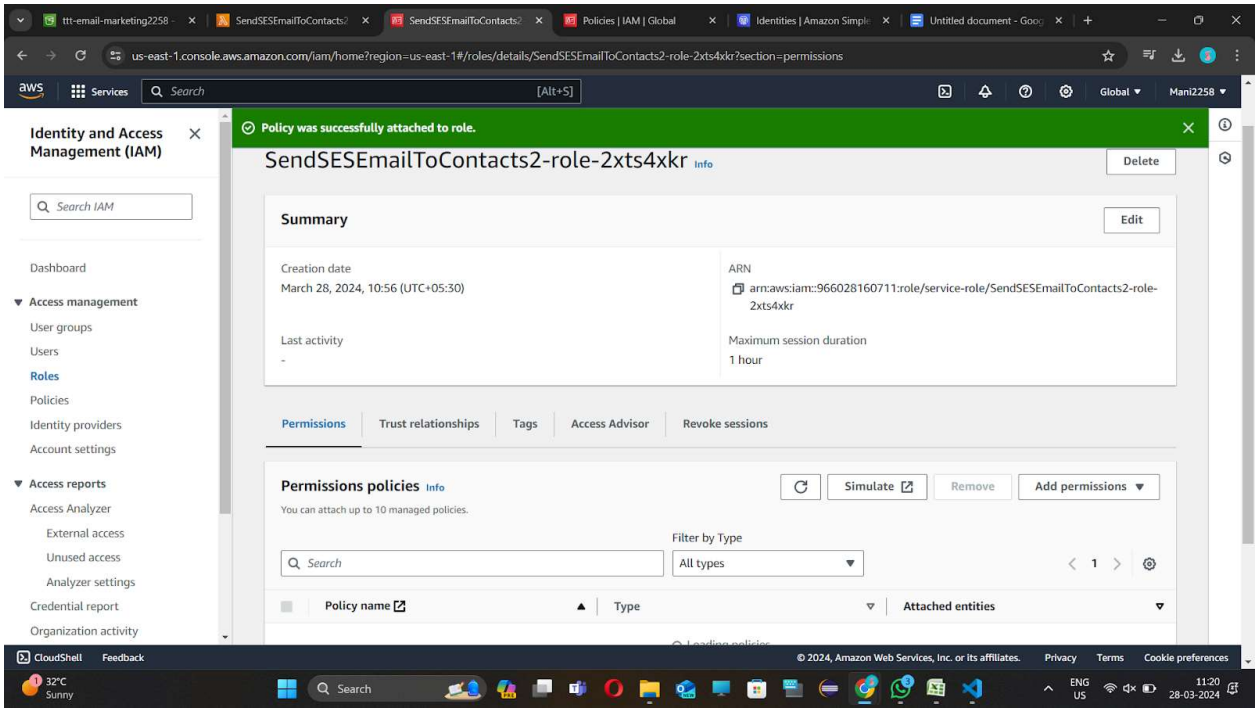
- Then add permissions to it by IAM



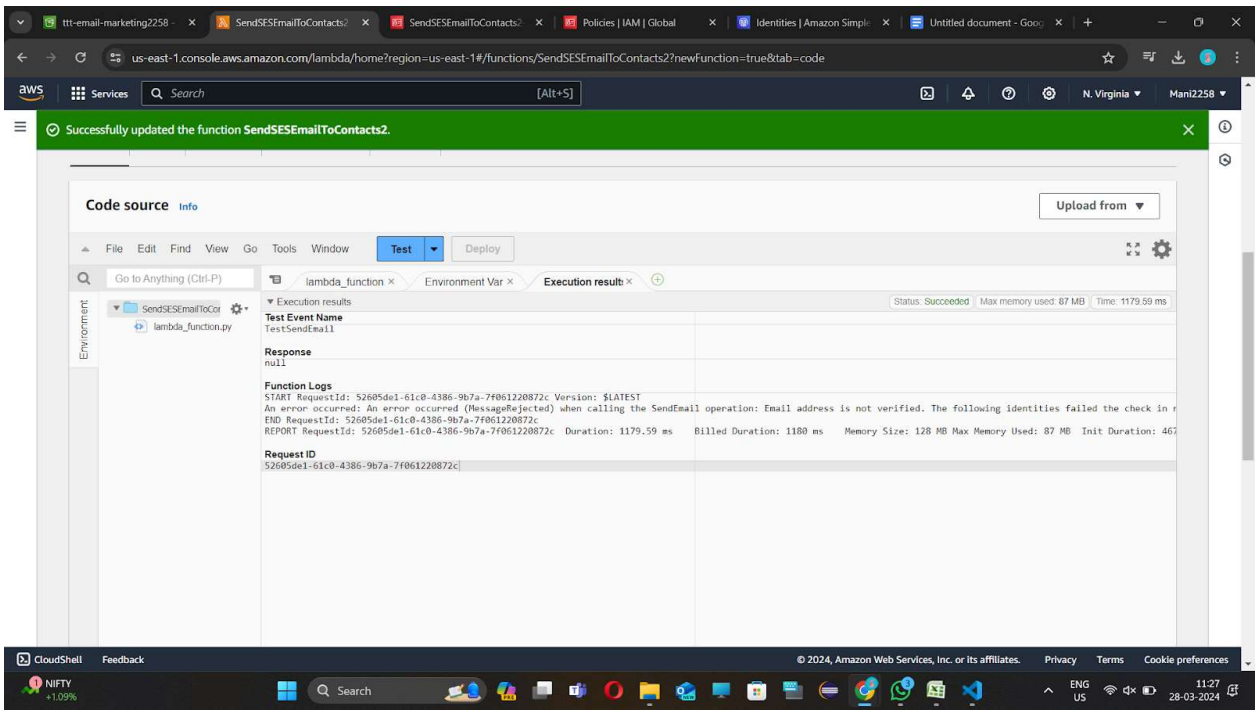
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Then policy was successfully created for the attached role



- Then again test the code by click on the test

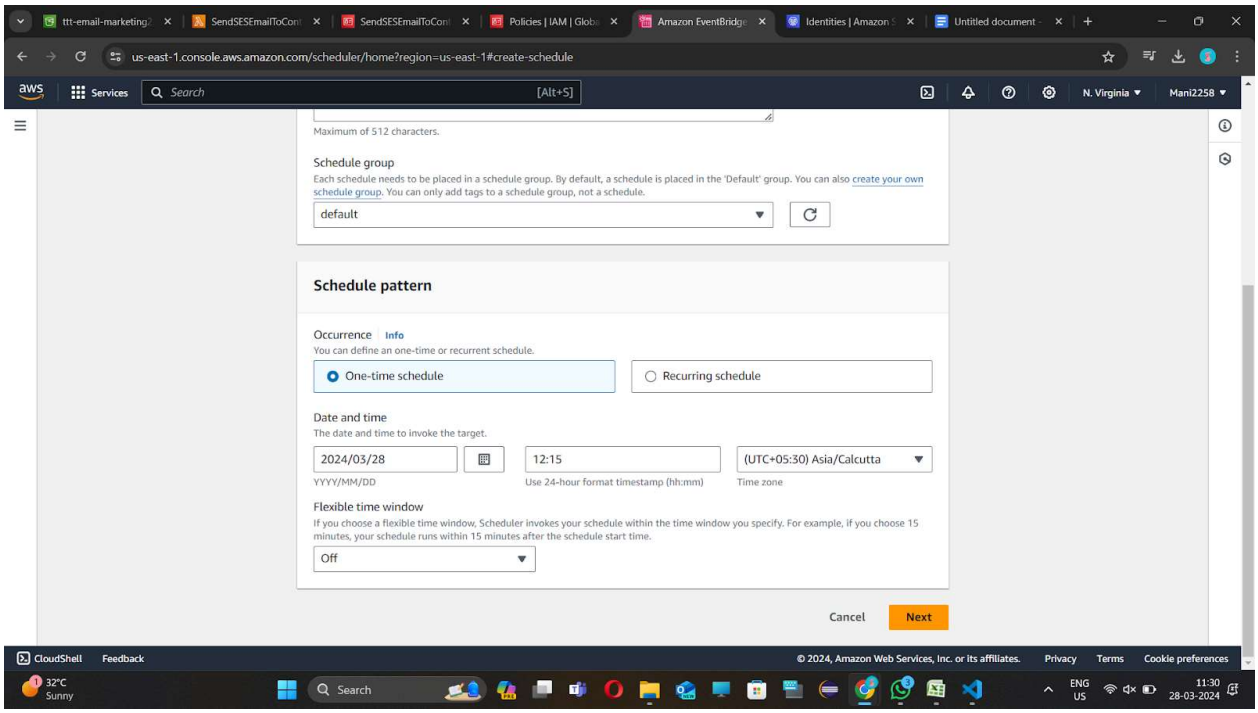


2100032258

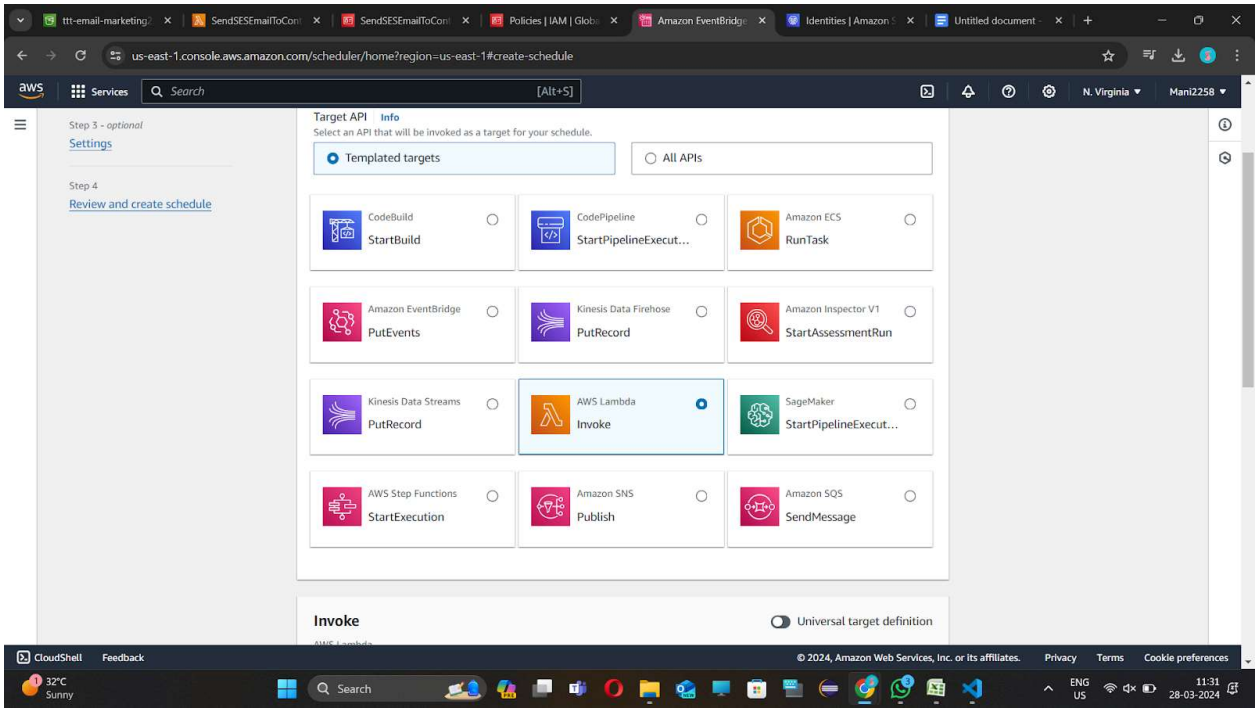
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Now go to the service eventbridge the create an schedule when we have to send the email



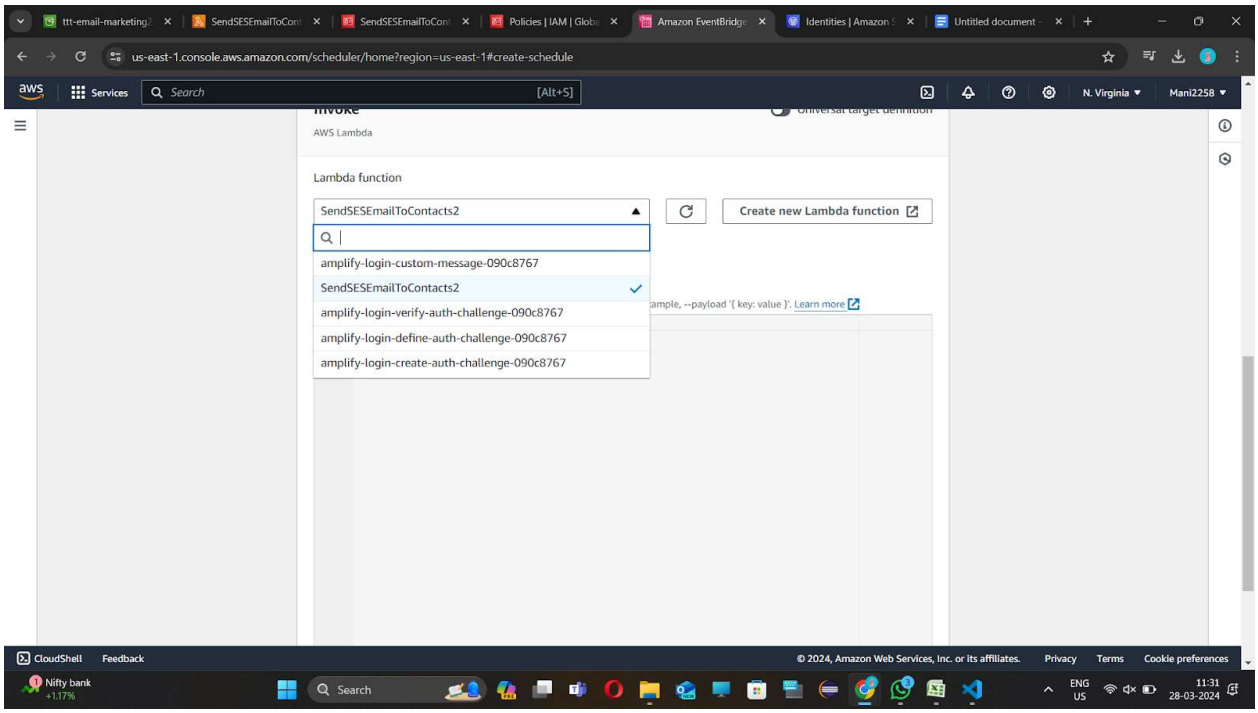
- Click on AWS Lambda invoke

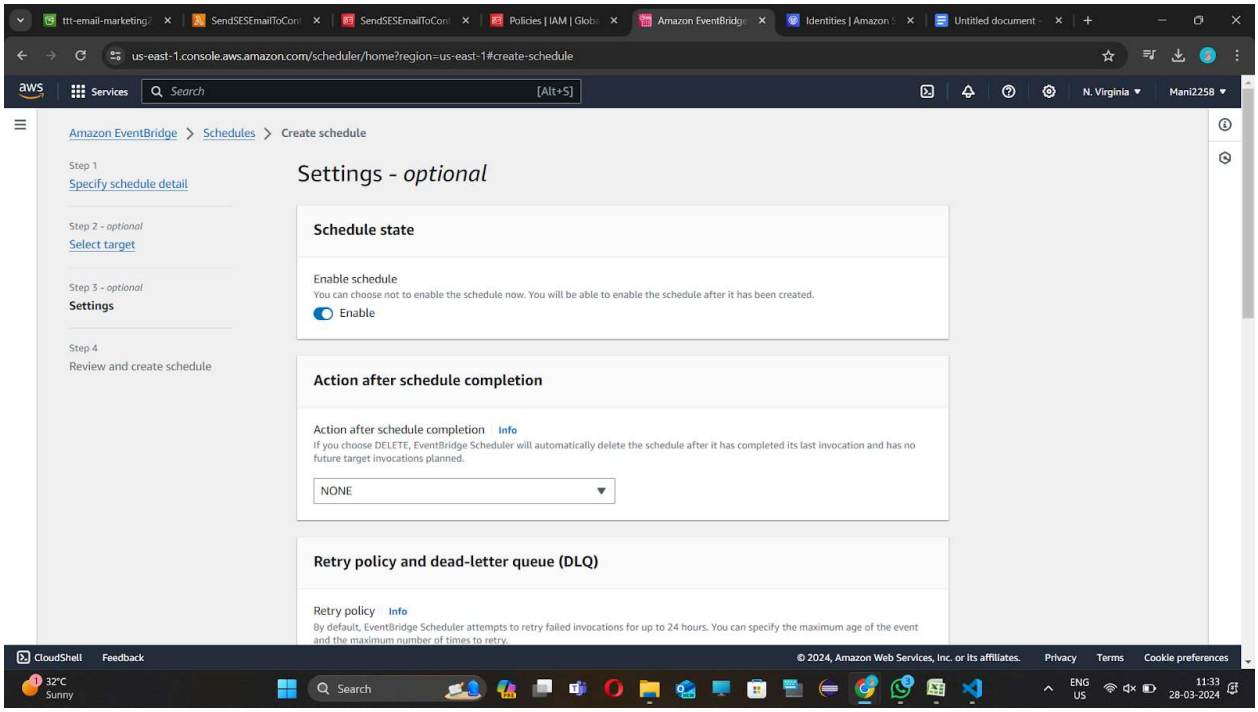


2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Select the lambda function that we are created



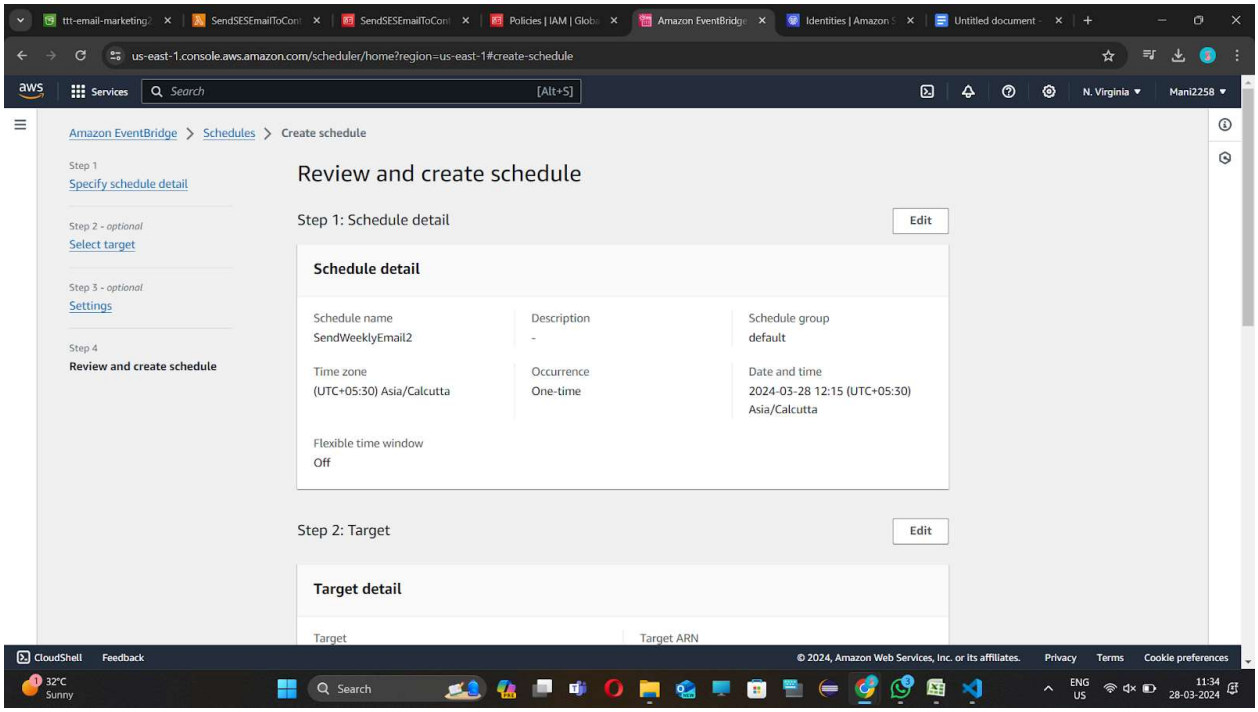


2100032258

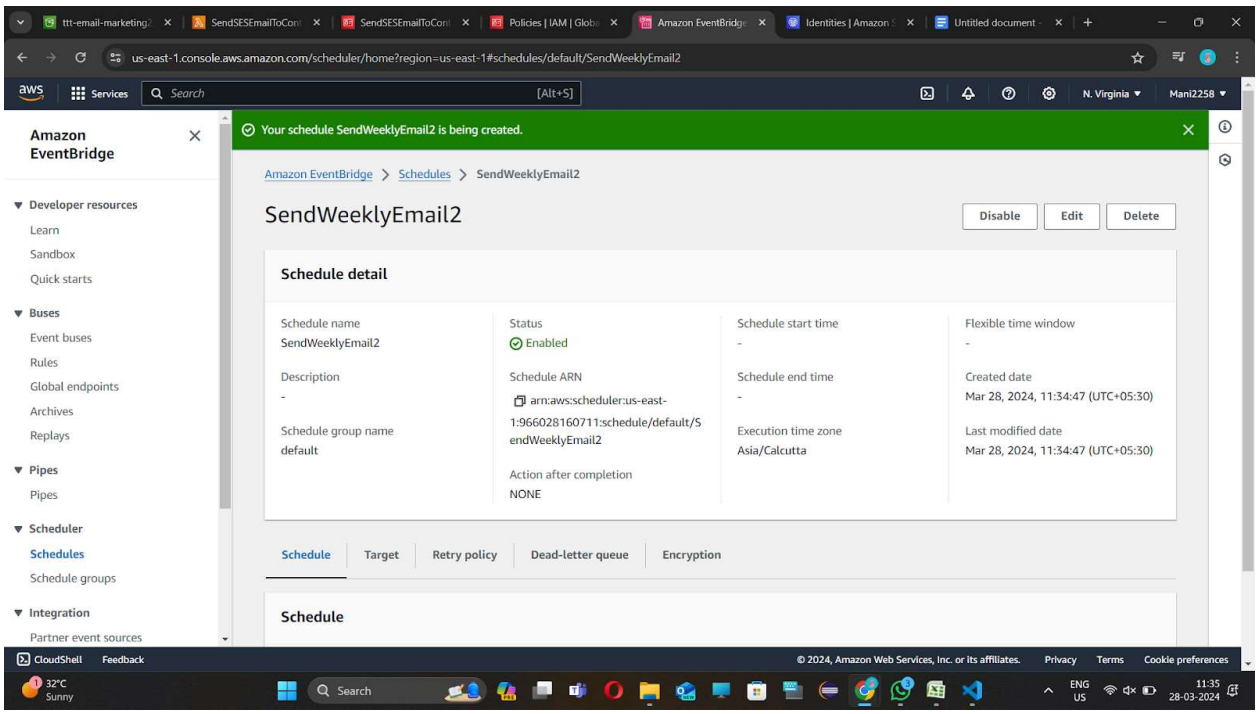
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- Here we can see the review of the created schedule



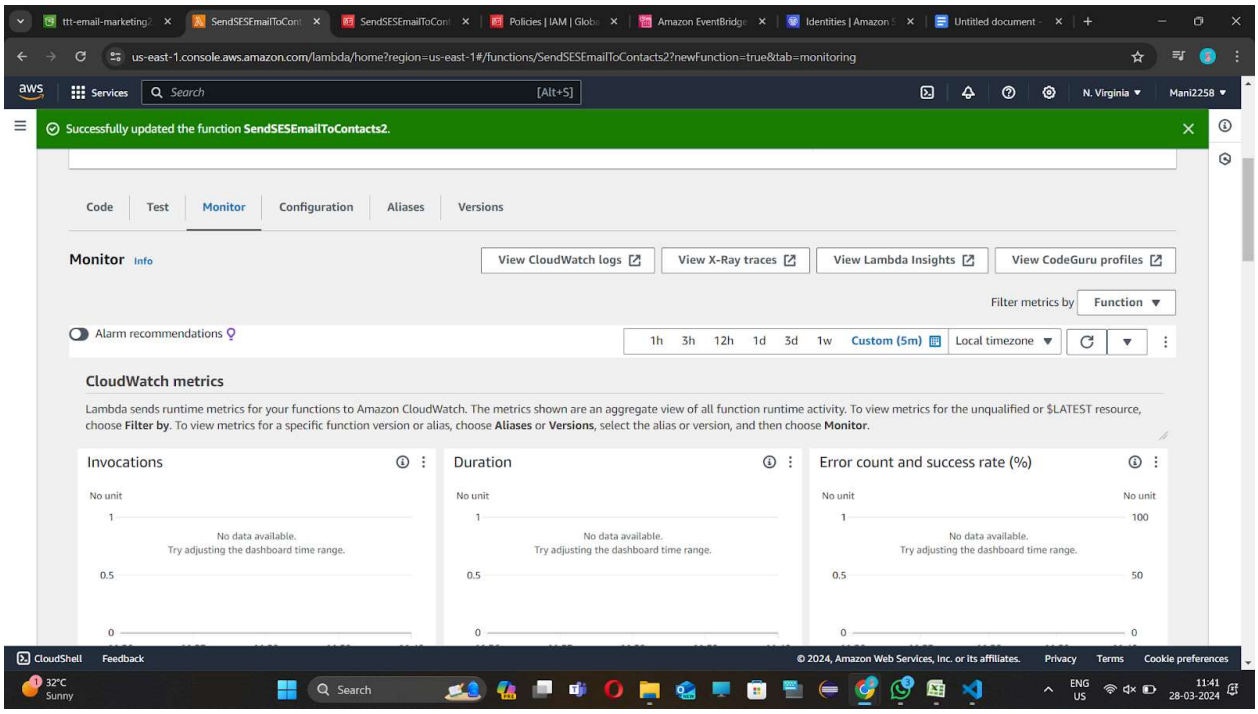
- Schedule successfully created

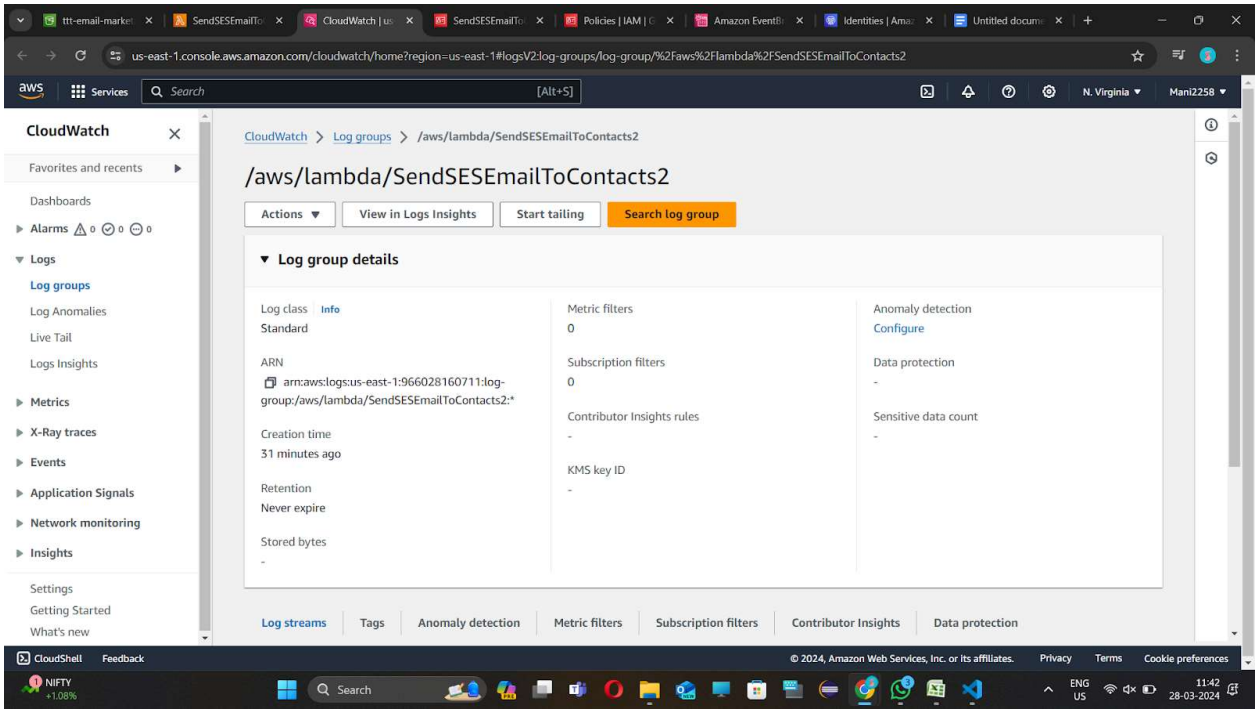


2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- In this monitor we can see the recent activity and logs that happened

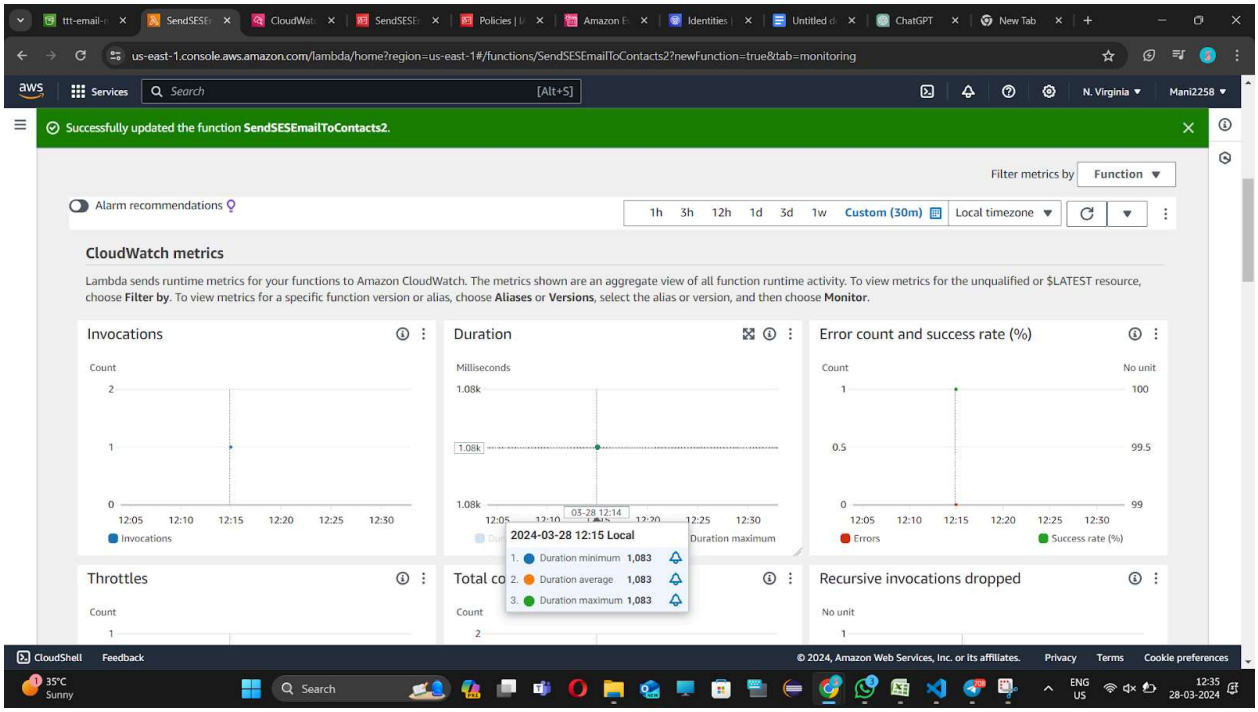




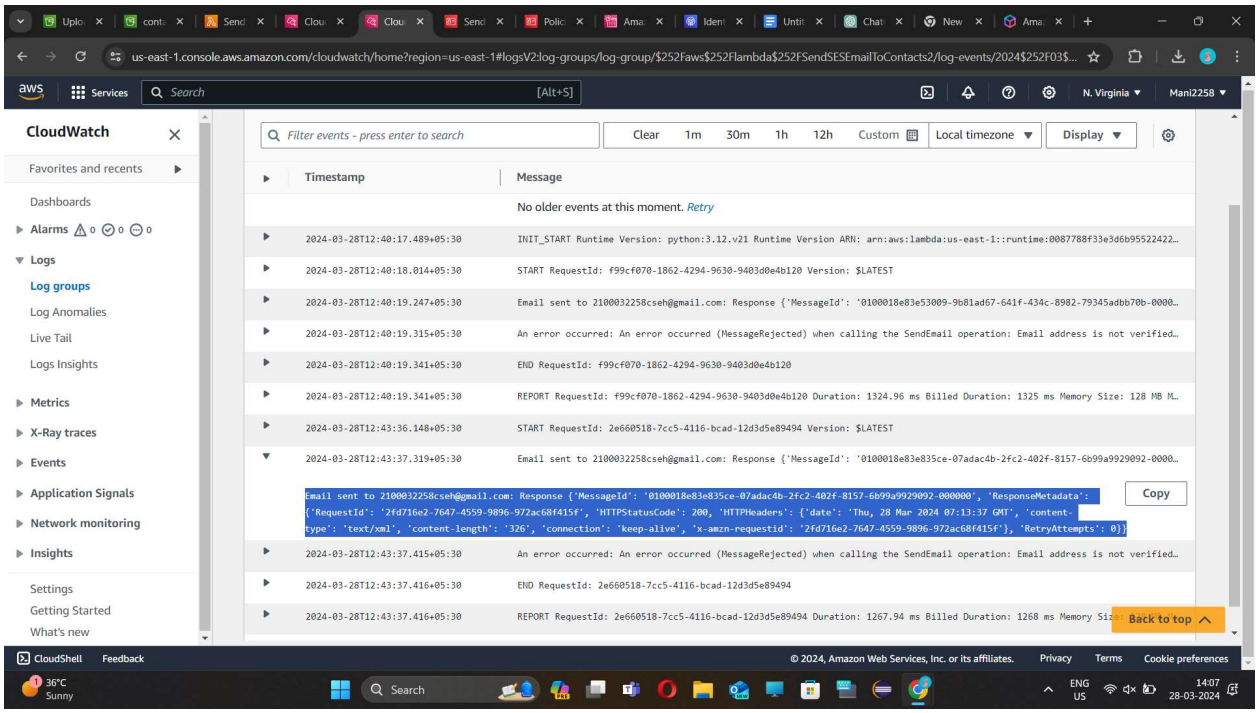
2100032258
K MANIKANTA REDDY

Amazon SES (Simple Email Service) Marketing

- We can the activity that email sends out which time all



- Here we can see the output that email successfully sent at give schedule



2100032258
K MANIKANTA REDDY