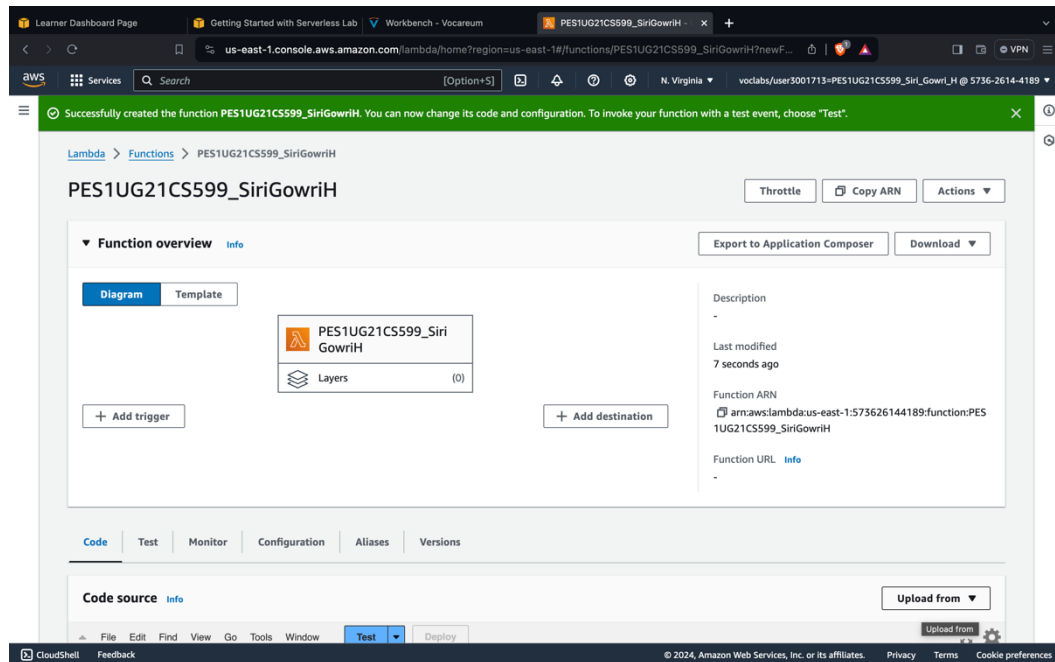


CLOUD COMPUTING LAB-3

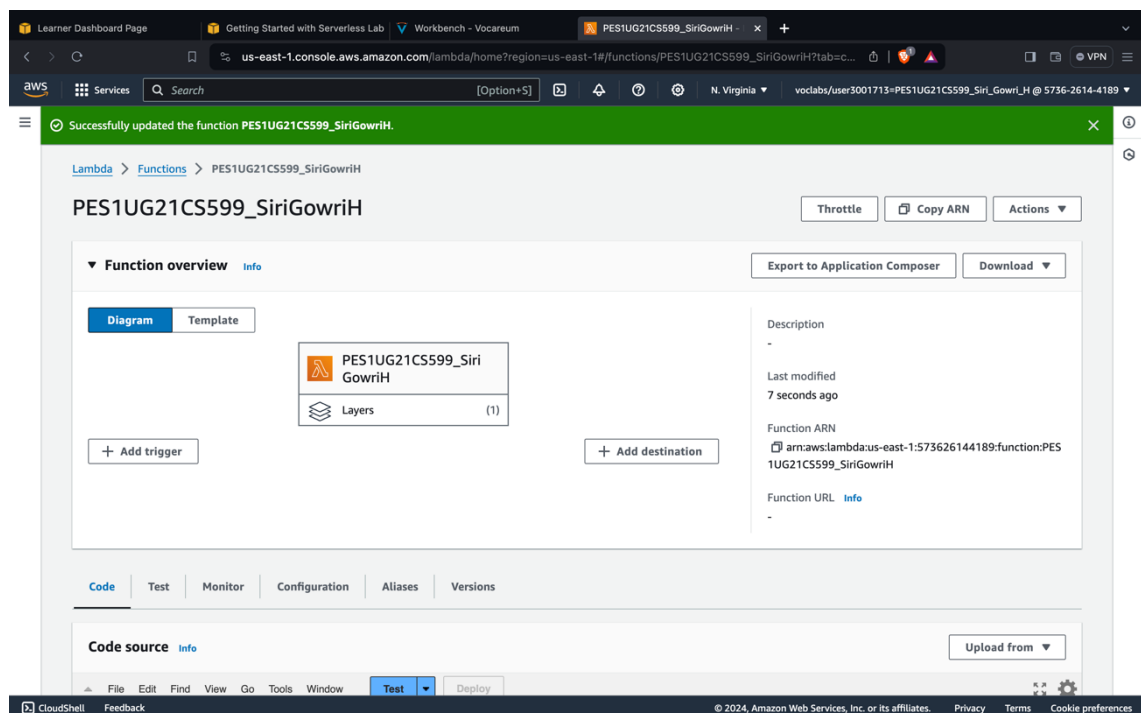
Name : Siri Gowri H
SRN : PES1UG21CS599
Section: J

1. Deliverables:

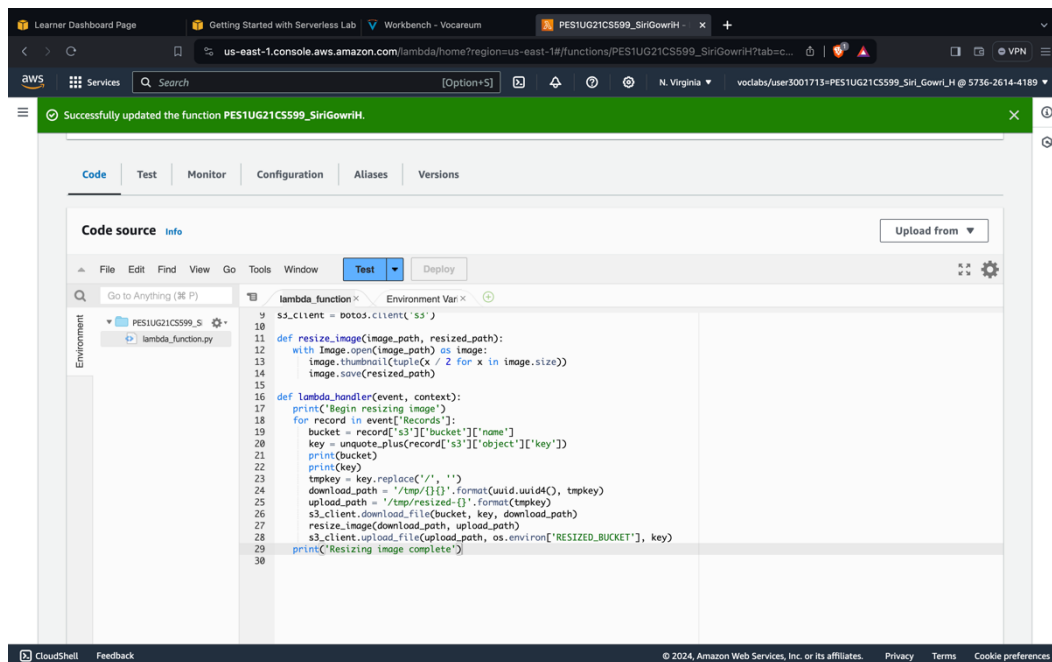
1a: successful creation of the basic AWS lambda function



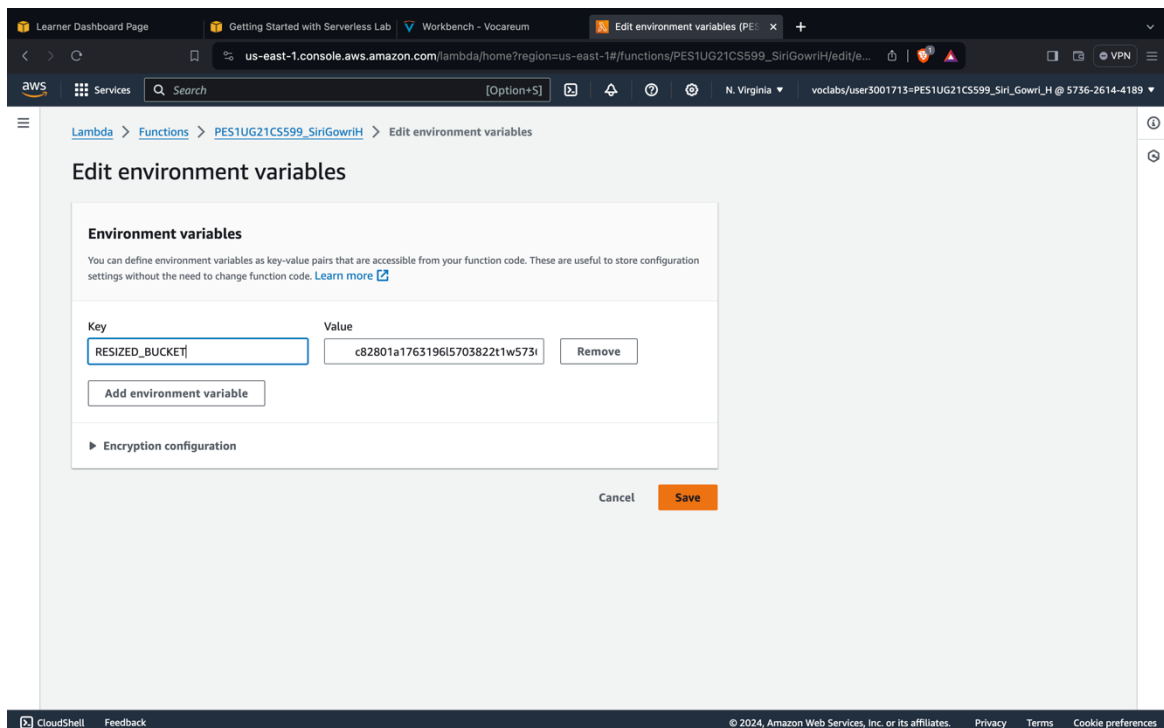
1b: successful addition of custom layers to the AWS lambda function



1c: Updation of the lambda_function.py and its deployment.



1d: Updating the environment variables of the lambda function

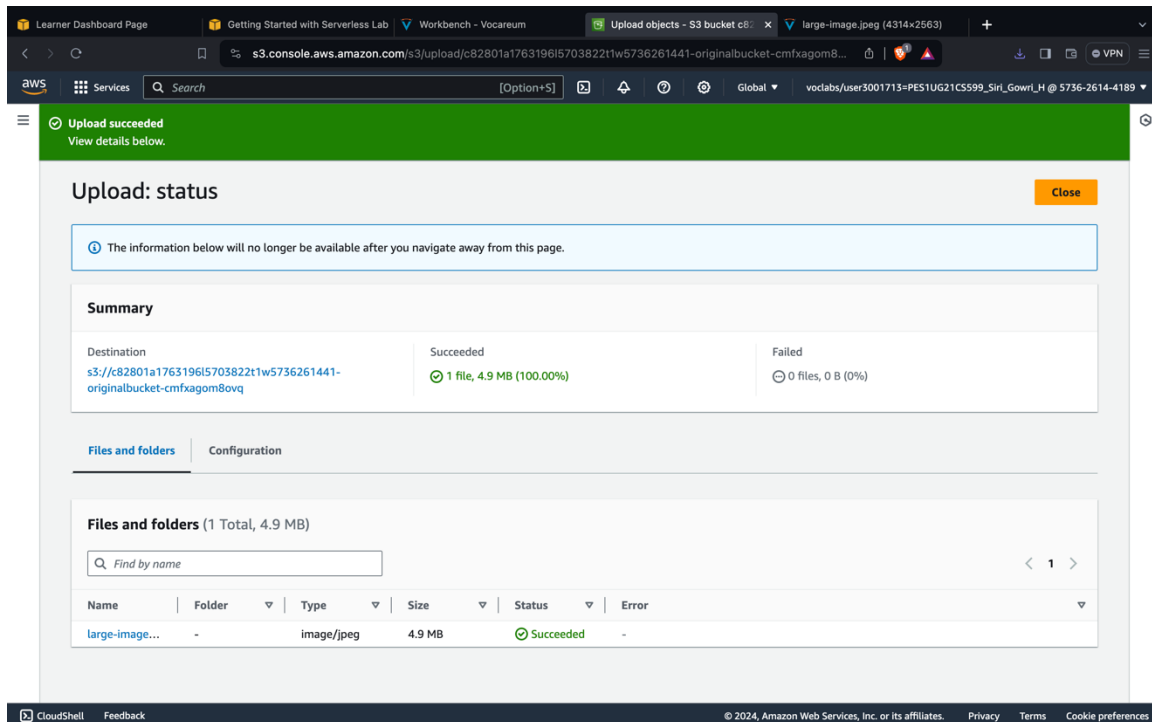


1e: Successfully Configuring an Amazon S3 trigger to invoke the Lambda function

The screenshot shows the 'Add triggers' page in the AWS Lambda console. The browser address bar indicates the URL is `us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/add/relation?focus=aws%2FLambda&target=a...`. The page title is 'Add triggers - Lambda'. A search bar at the top shows 's3/c82801a176319615703822t1w5736261441-originalbucket-cmfxagom8ovq'. Below the search bar, the bucket region is set to 'us-east-1'. The 'Event types' section has a dropdown menu with 'All object create events' selected. The 'Prefix - optional' field contains 'e.g. images/'. The 'Suffix - optional' field contains 'e.g. .jpg'. The 'Recursive invocation' section has a checkbox checked, with the text 'I acknowledge that using the same S3 bucket for both input and output is not recommended and that this configuration can cause recursive invocations, increased Lambda usage, and increased costs.' Below this, a link says 'Learn more about the Lambda permissions model.' At the bottom of the form are 'Cancel' and 'Add' buttons.

The screenshot shows the 'Function overview' page for the Lambda function 'PES1UG21CS599_SiriGowriH'. The browser address bar shows the URL `us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/PES1UG21CS599_SiriGowriH?tab=c...`. The page title is 'PES1UG21CS599_SiriGowriH'. A green notification banner at the top states: 'The trigger c82801a176319615703822t1w5736261441-originalbucket-cmfxagom8ovq was successfully added to function PES1UG21CS599_SiriGowriH. The function is now receiving events from the trigger.' Below the notification, the 'Function overview' section shows a diagram with a box for 'PES1UG21CS599_SiriGowriH' and a box for 'S3' connected by a line. The 'S3' box has a '+ Add trigger' button. To the right of the diagram is a '+ Add destination' button. On the right side of the page, there is a 'Description' section with the following details: 'Last modified: 2 minutes ago', 'Function ARN: arn:aws:lambda:us-east-1:573626144189:function:PES1UG21CS599_SiriGowriH', and 'Function URL: Info'. At the bottom of the page, there is a 'Triggers (1)' section with a '+ Add trigger' button.

1f: Successful upload of an image to the Amazon S3 bucket



1g: Successful updation of the aws lambda function memory to 1024MB

