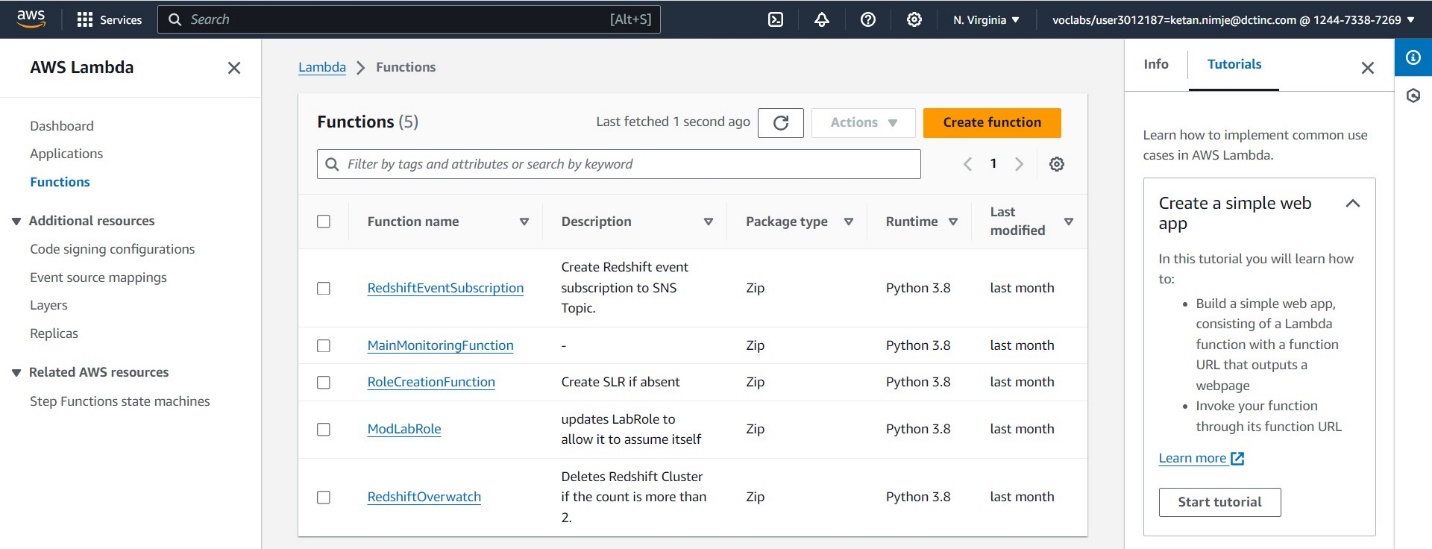
**3.Serverless Data Processing Pipeline**

Build a serverless pipeline for processing data (e.g., log processing or ETL jobs).



Creating a lambda function- demo lambda

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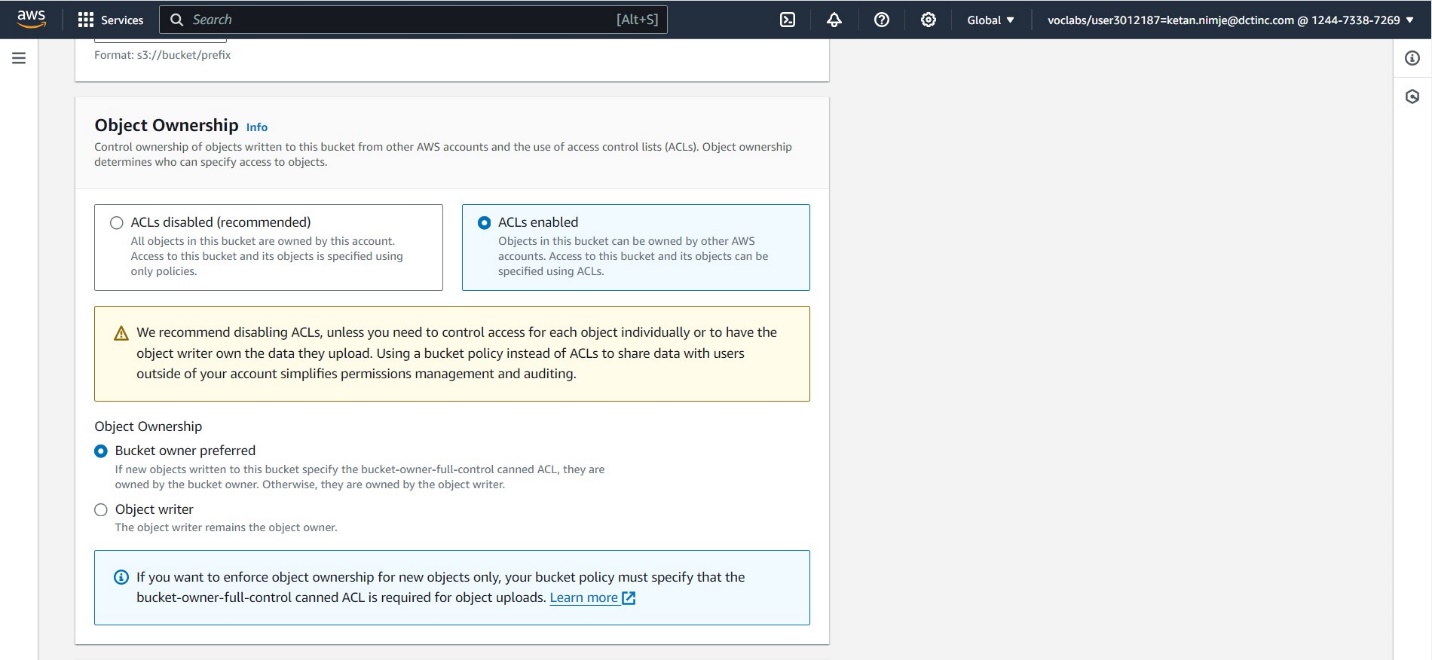
A screenshot of a computer

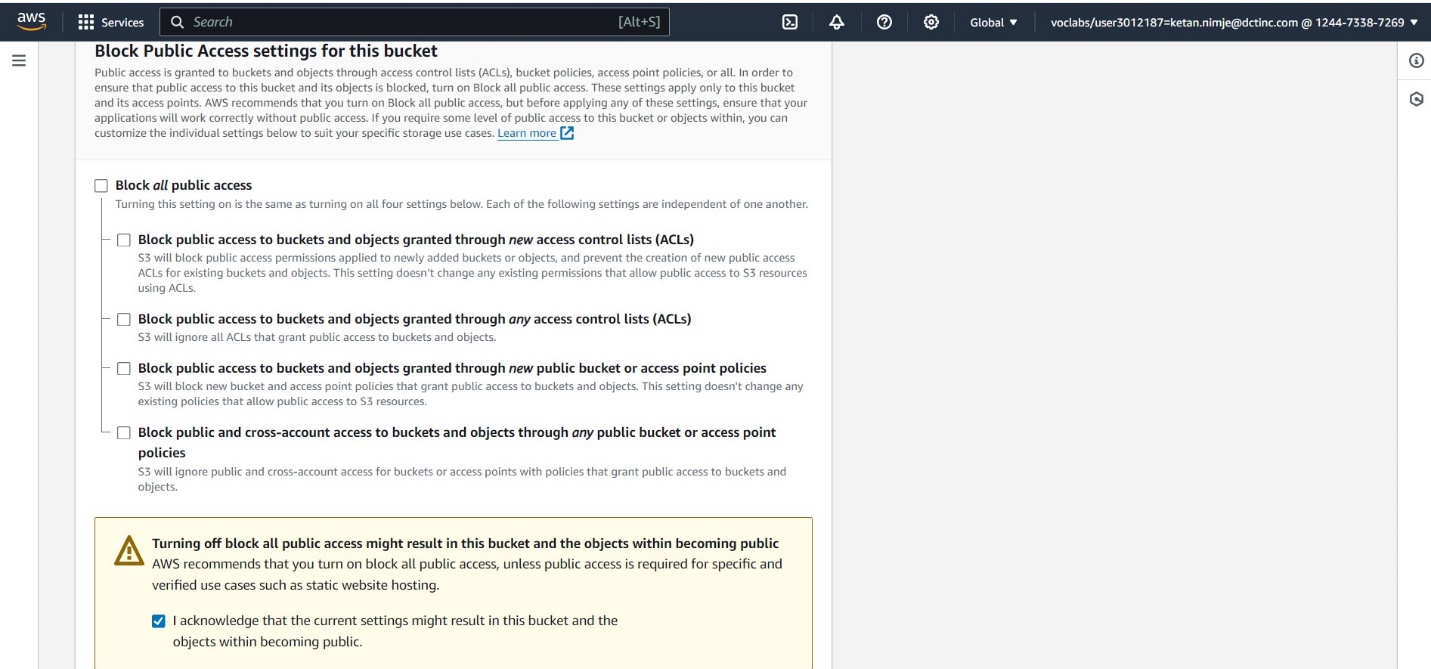
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Then creating buckets for storage.





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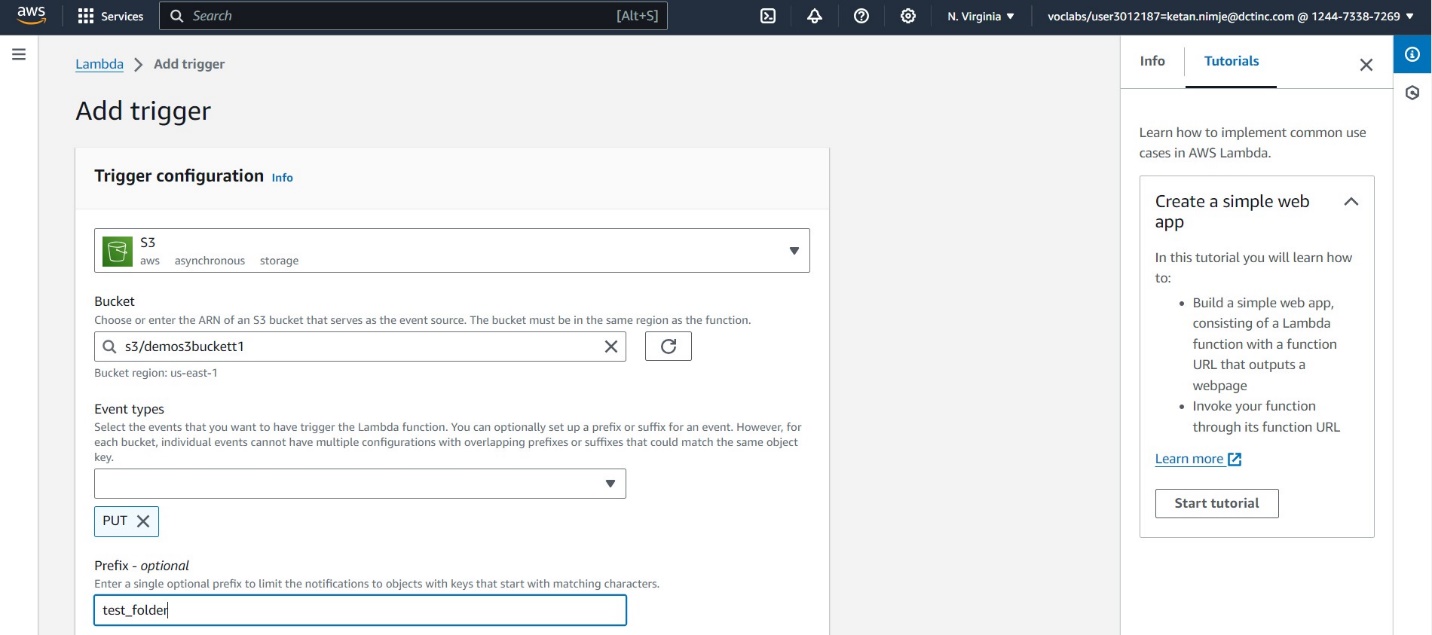
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Adding S3 bucket as a trigger.

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Code for triggering the lambda function when a file is uploaded into S3 bucket and then replicating the file into another bucket and creating a copy of same file in upper case in another bucket and then downloading the file into local machine.

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Viewing the cloud watch logs to check the status of code.

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A screenshot of a computer

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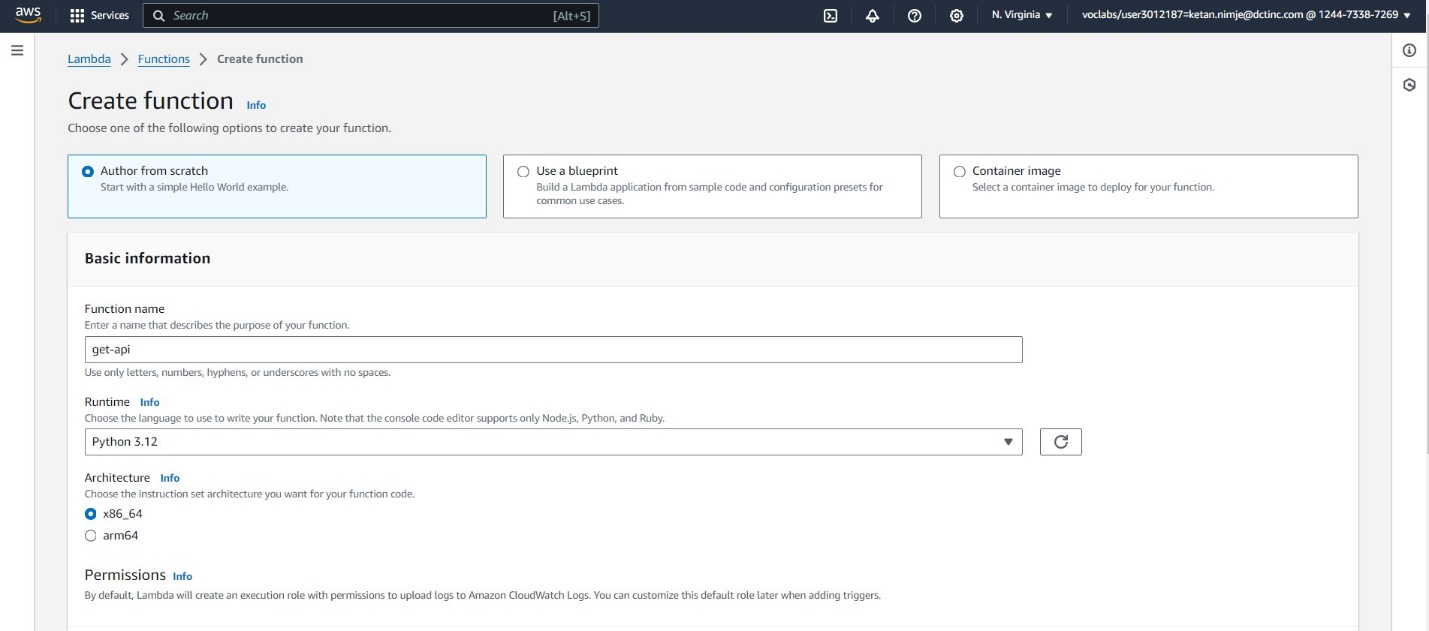
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This is the desired output.

2. Develop a serverless API using AWS Lambda and API Gateway.

Create lambda functions for each method i.e. get,put,delete,post



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Description automatically generated

Repeat the same procedure for all the functions

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Create Rest-api

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Create resources

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Create method for get, put, delete, post

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Test the method

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A screenshot of a computer

Description automatically generated

Deploy the api and check it on web



This is the result above.

A screenshot of a computer

Description automatically generated

Repeat the same procedure for all other methods, create them and test them in aws

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Giving the input for post method

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