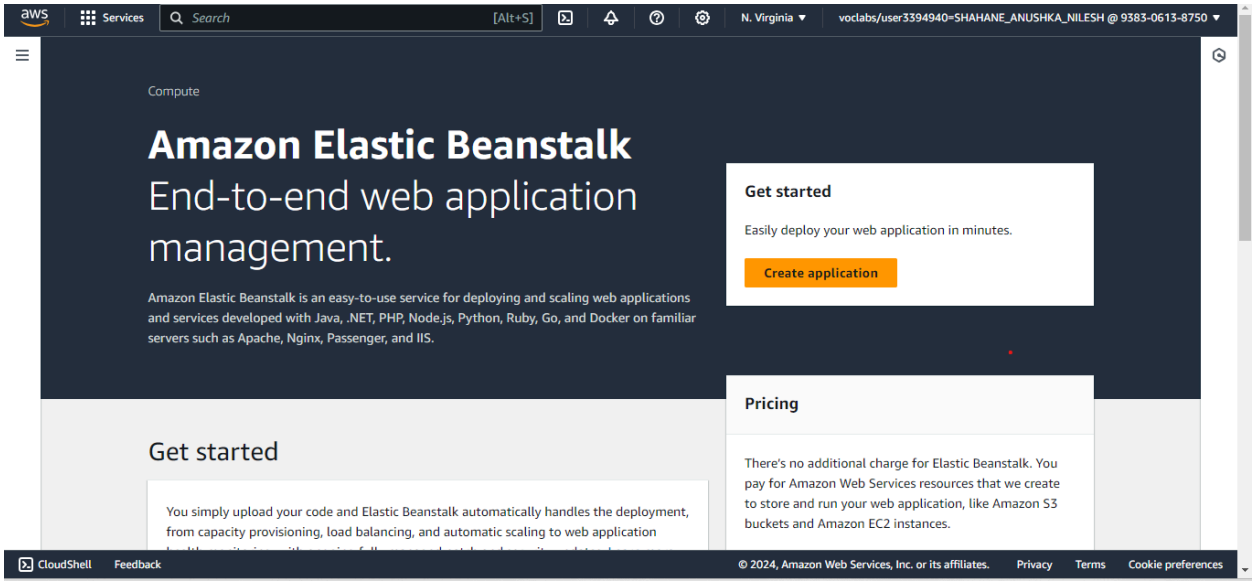
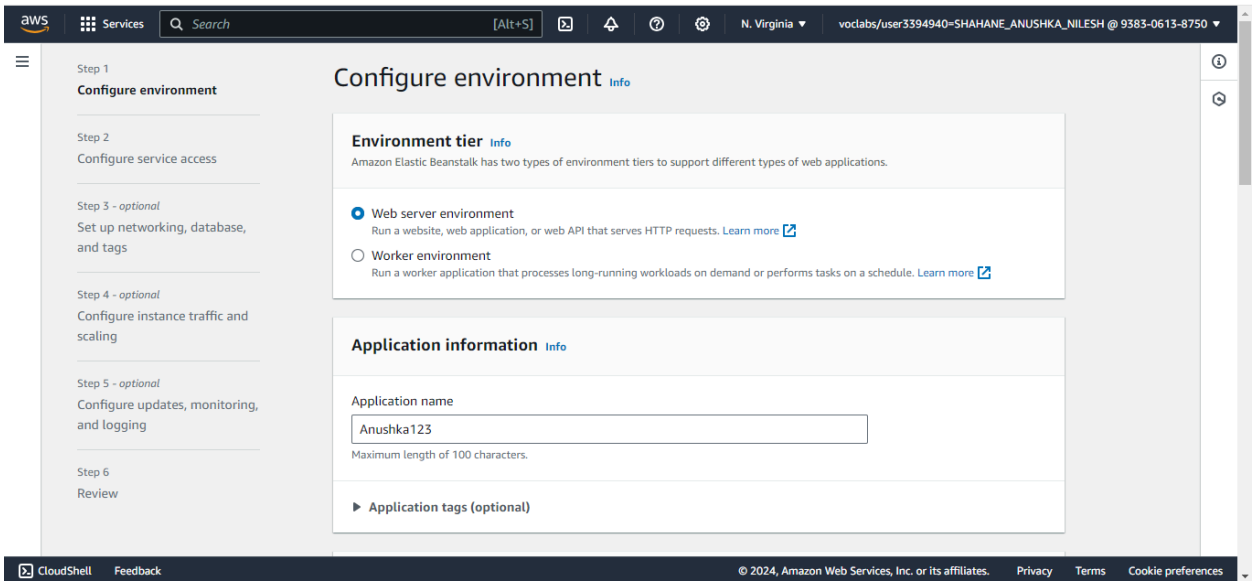
ADVANCE DEVOPS EXPERIMENT NO. 2

Aim : To Build Your Application using AWS CodeBuild and Deploy on S3 / SEBS using AWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy.





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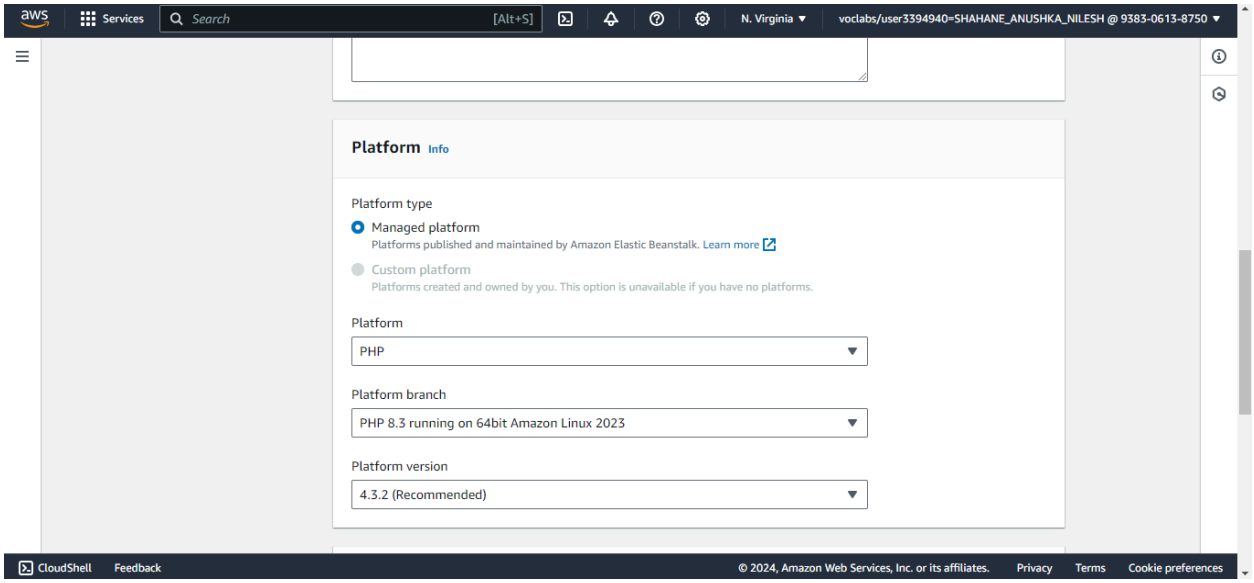

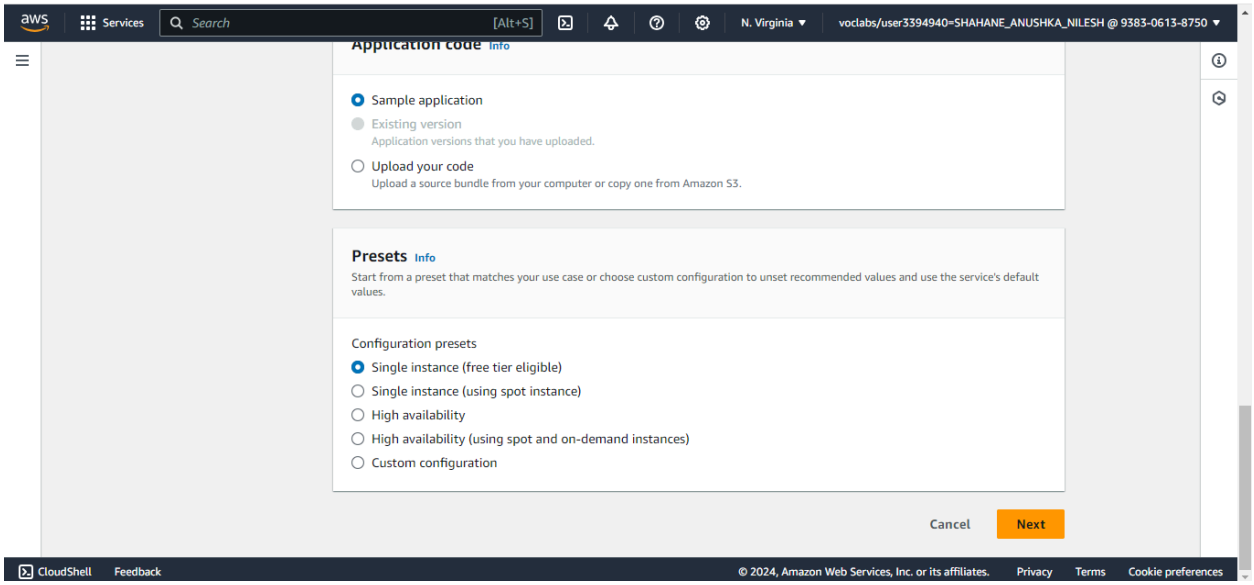

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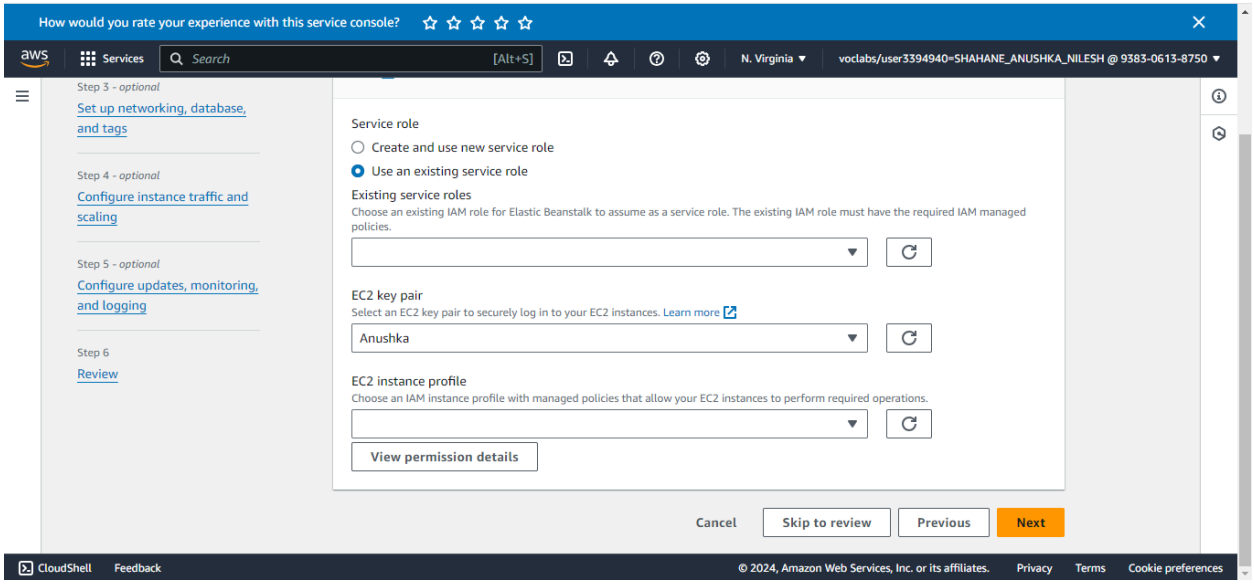

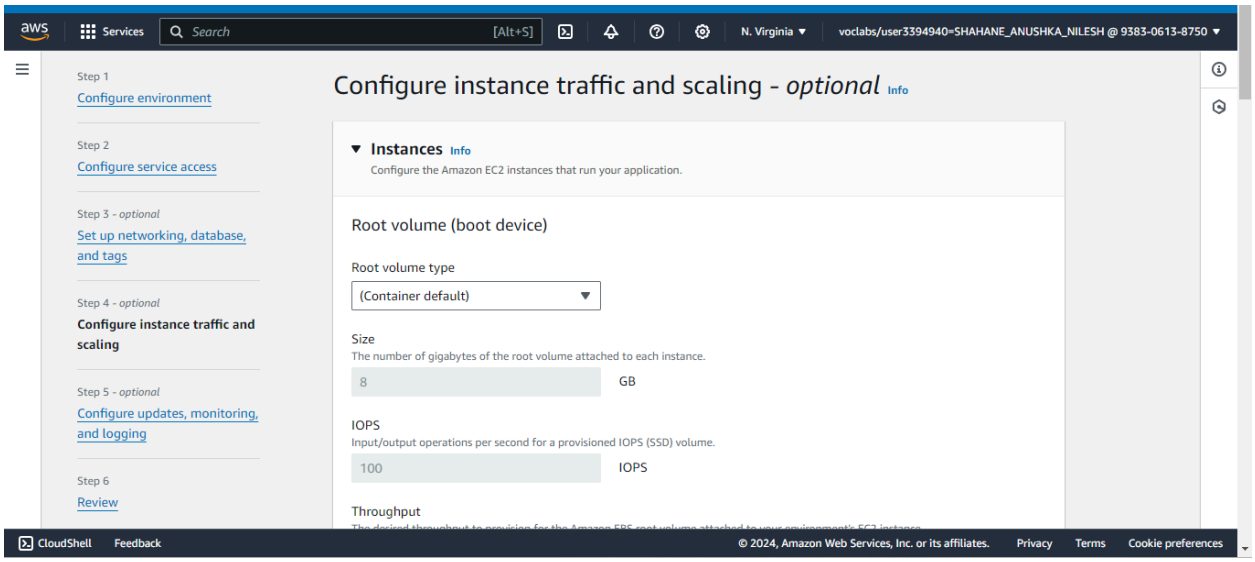

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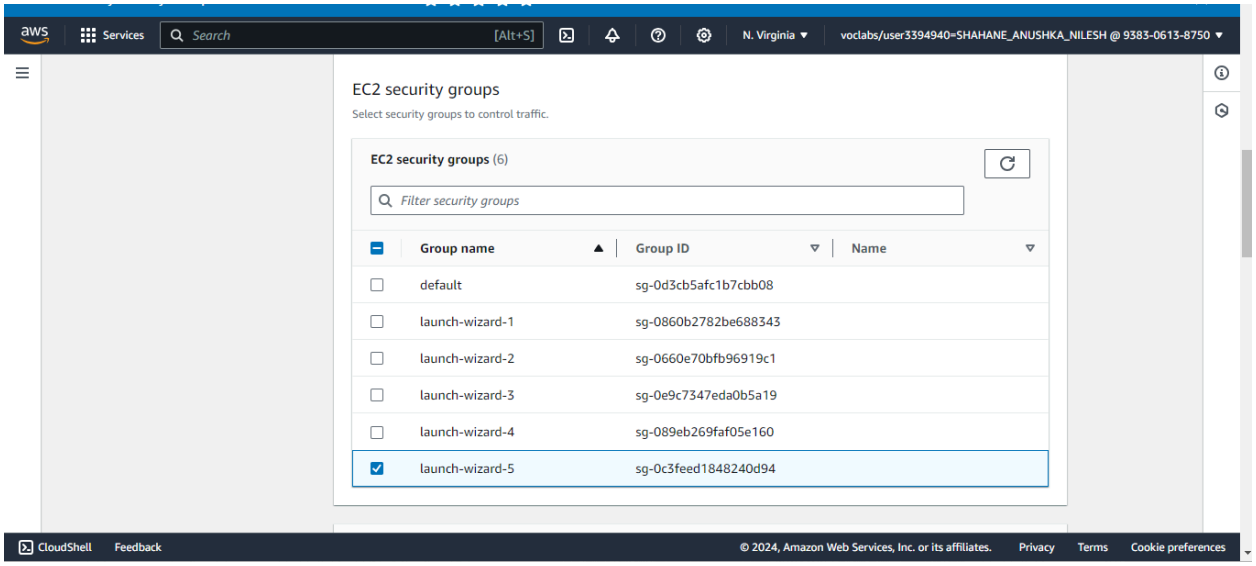

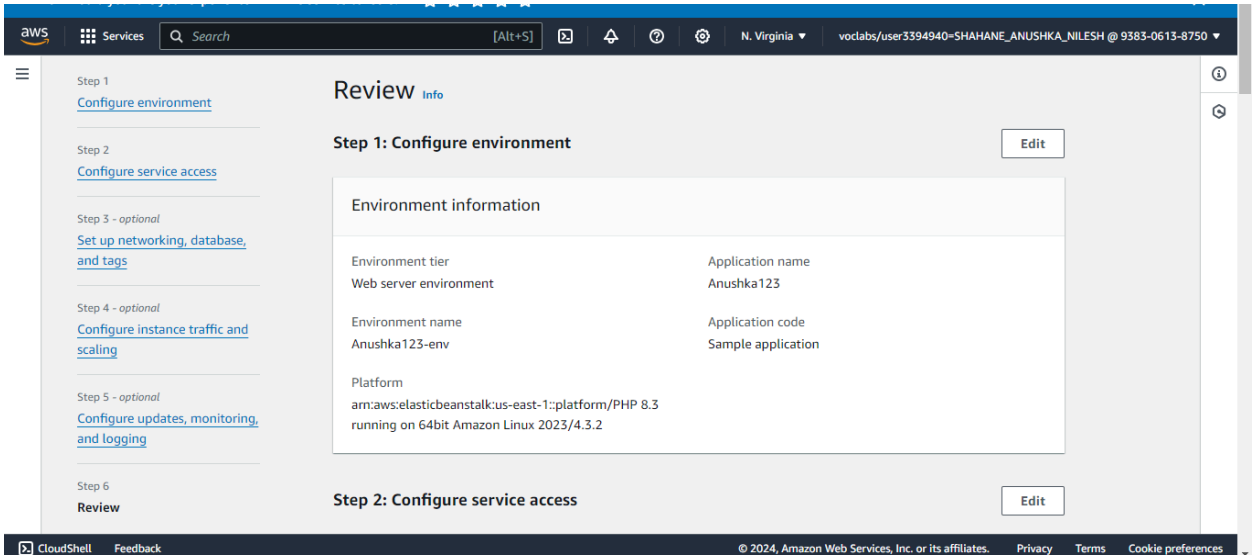

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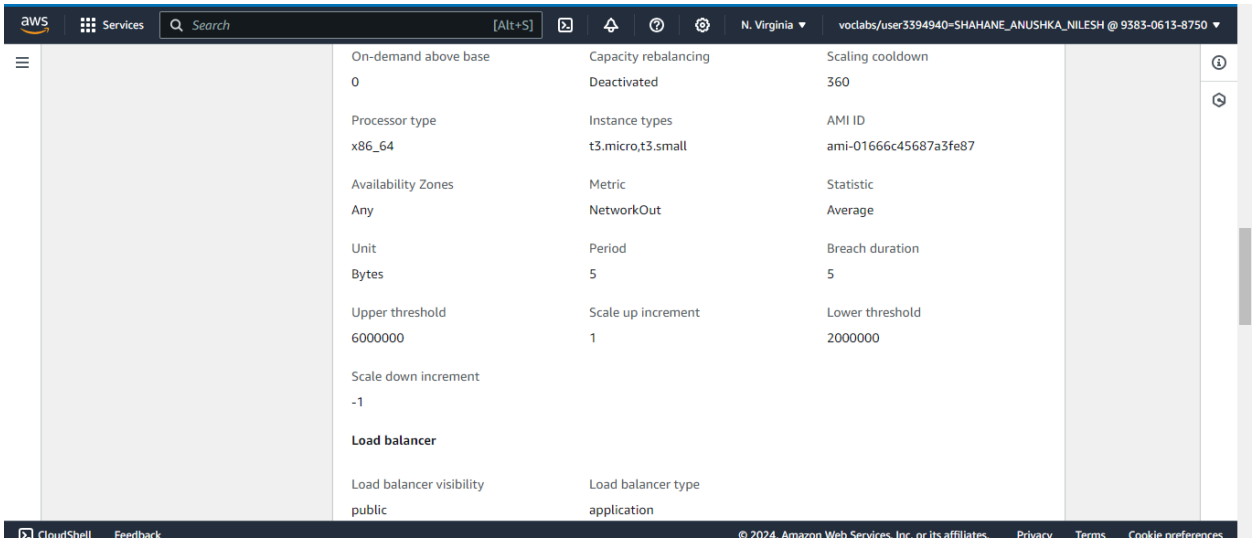

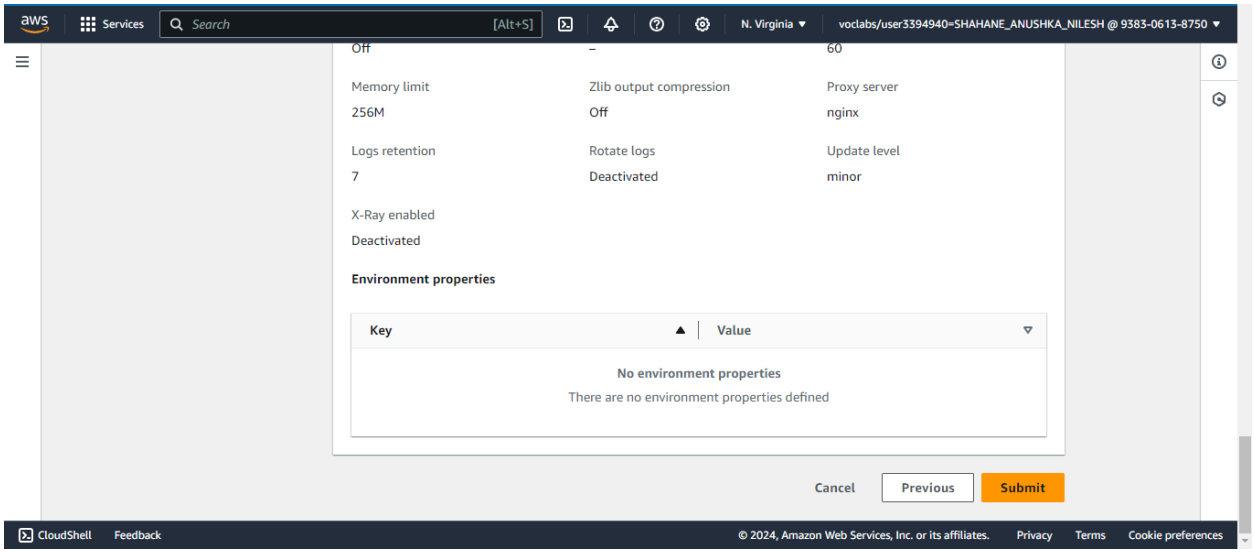

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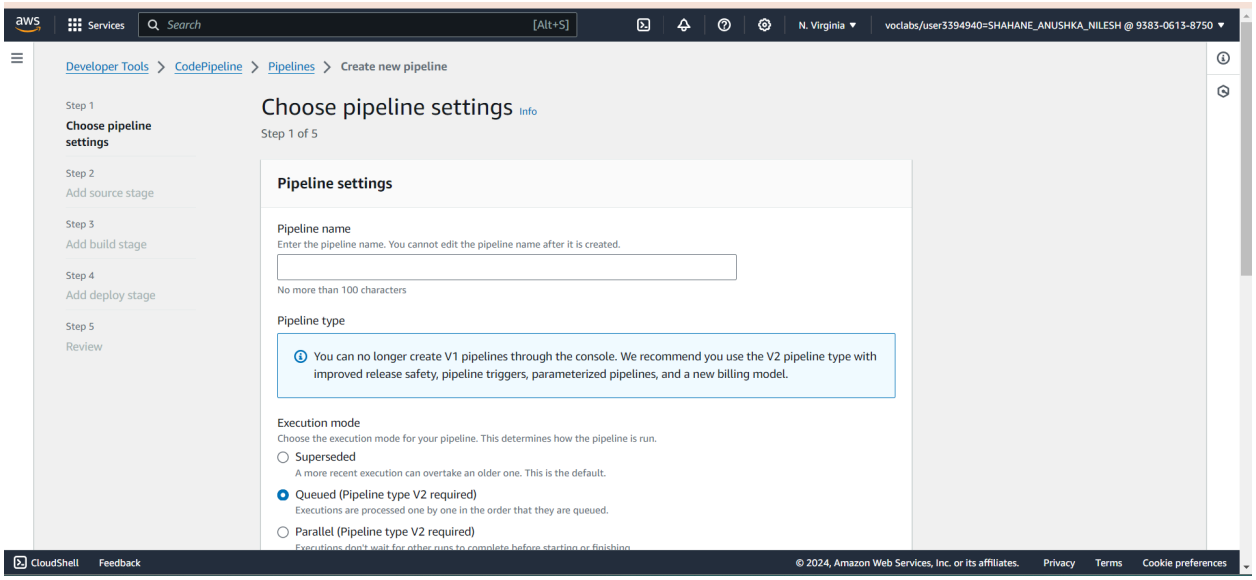

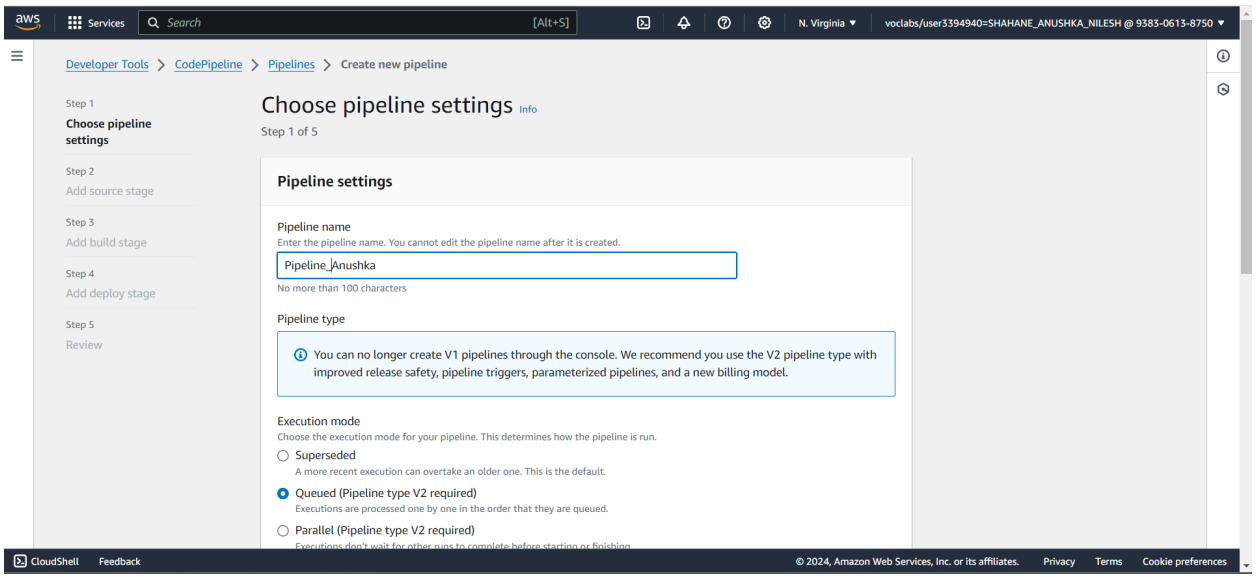

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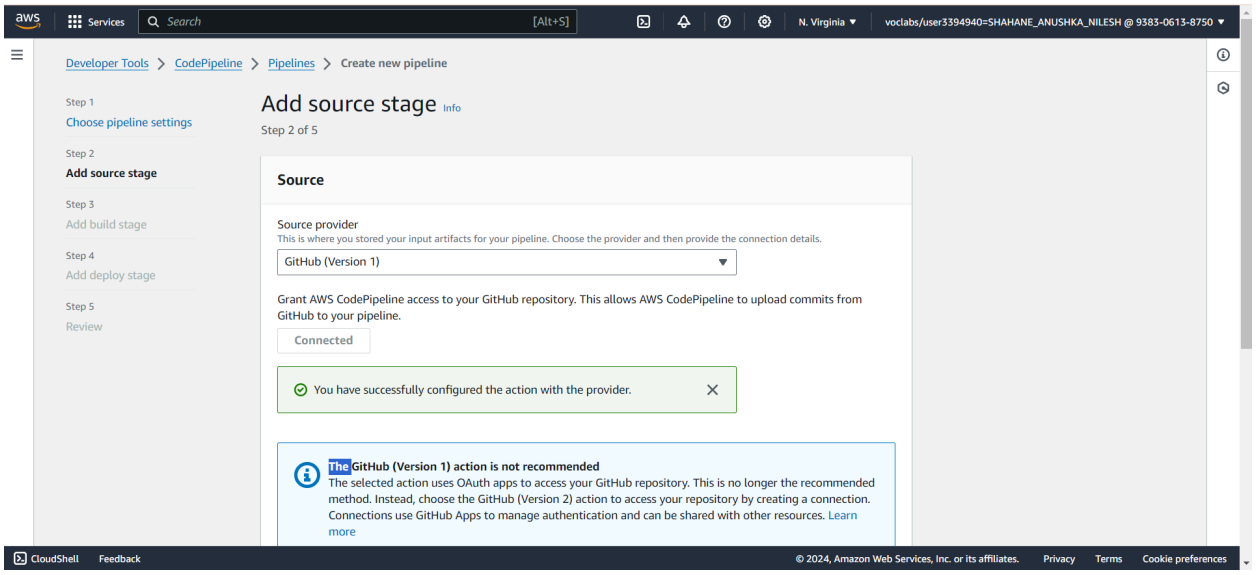

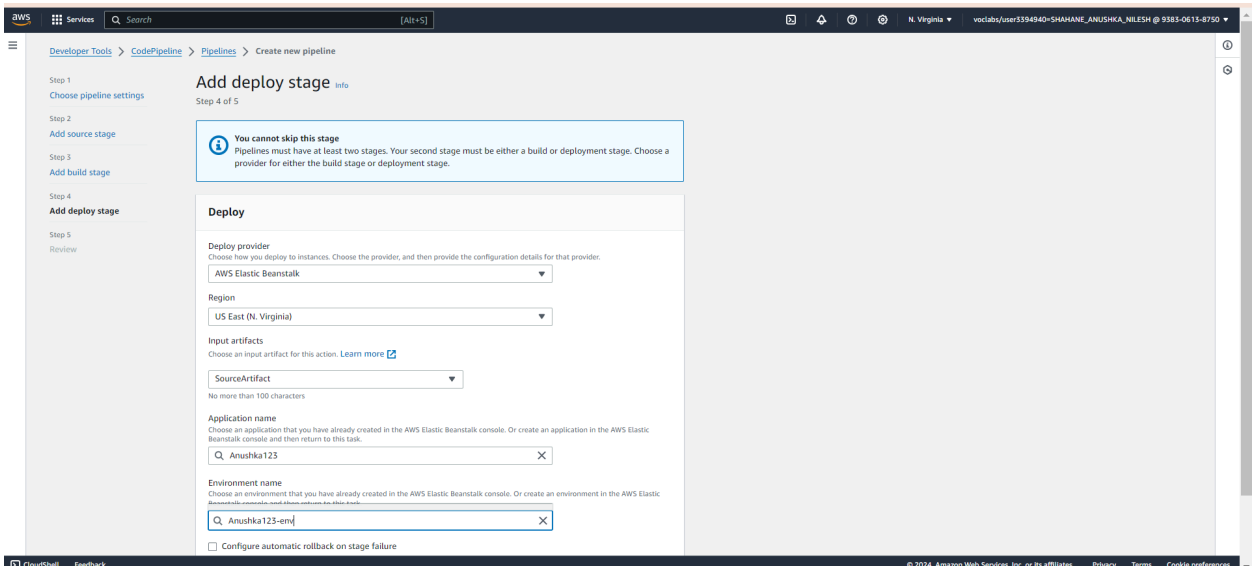

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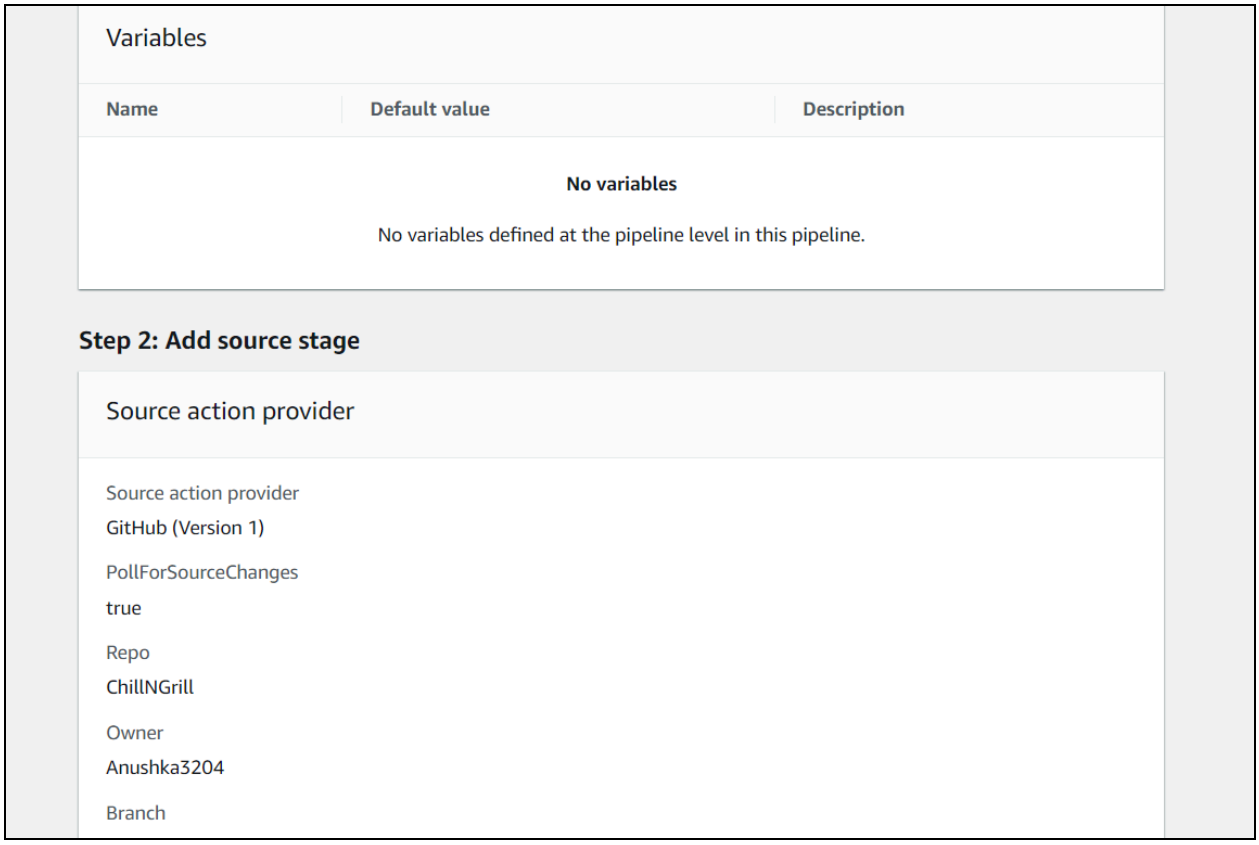
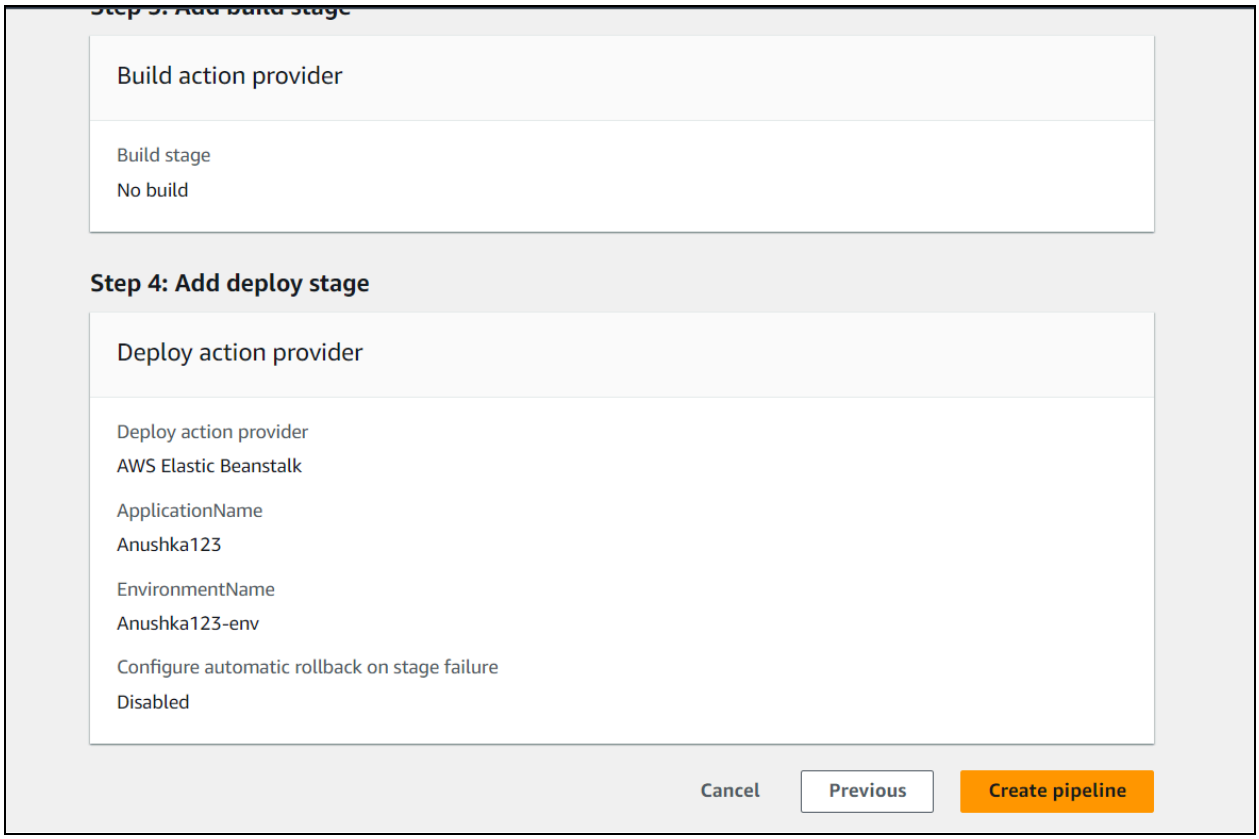
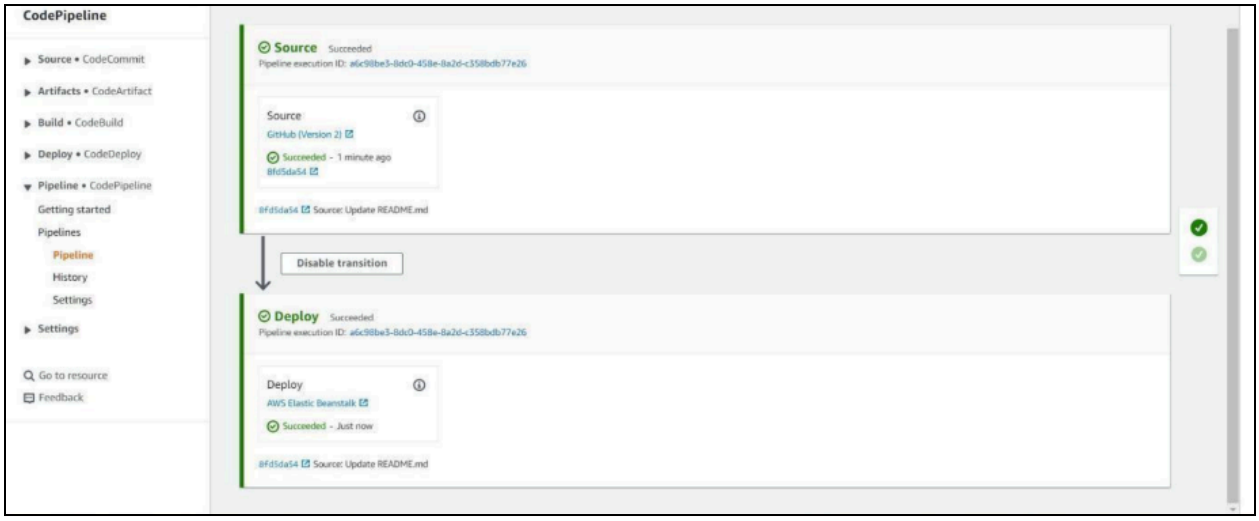

Variables
Name
Default value
Description
No variables
No variables defined at the pipeline level in this pipeline.
Step 2: Add source stage
Source action provider
Source action provider
GitHub (Version 1)
PollForSourceChanges
true
Repo
ChillNGrill
Owner
Anushka3204
Branch


Build action provider
Build stage
No build
Step 4: Add deploy stage
Deploy action provider
Deploy action provider
AWS Elastic Beanstalk
ApplicationName
Anushka123
EnvironmentName
Anushka123-env
Configure automatic rollback on stage failure
Disabled
Cancel
Previous
Create pipeline


CodePipeline
Source • CodeCommit
Artifacts • CodeArtifact
Build • CodeBuild
Deploy • CodeDeploy
Pipeline • CodePipeline
Getting started
Pipelines
Pipeline
History
Settings
Settings
Go to resource
Feedback
Source Succeeded
Source
GitHub (Version 2)
Succeeded - 1 minute ago
Disable transition
Deploy Succeeded
Deploy
AWS Elastic Beanstalk
Succeeded - Just now

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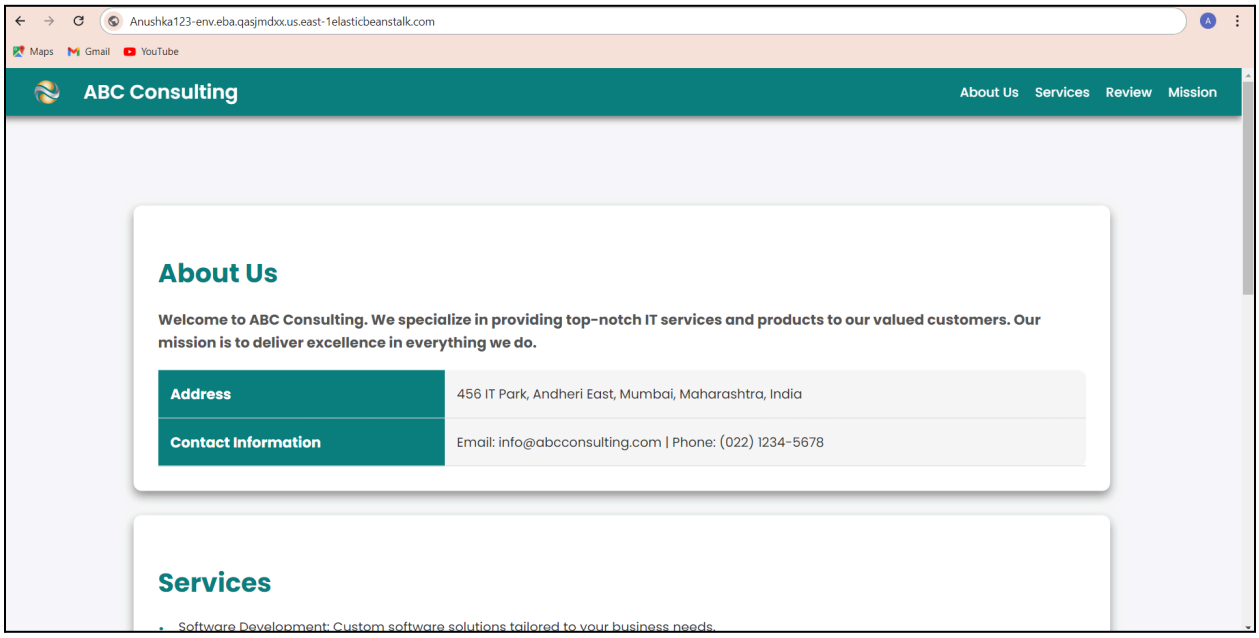
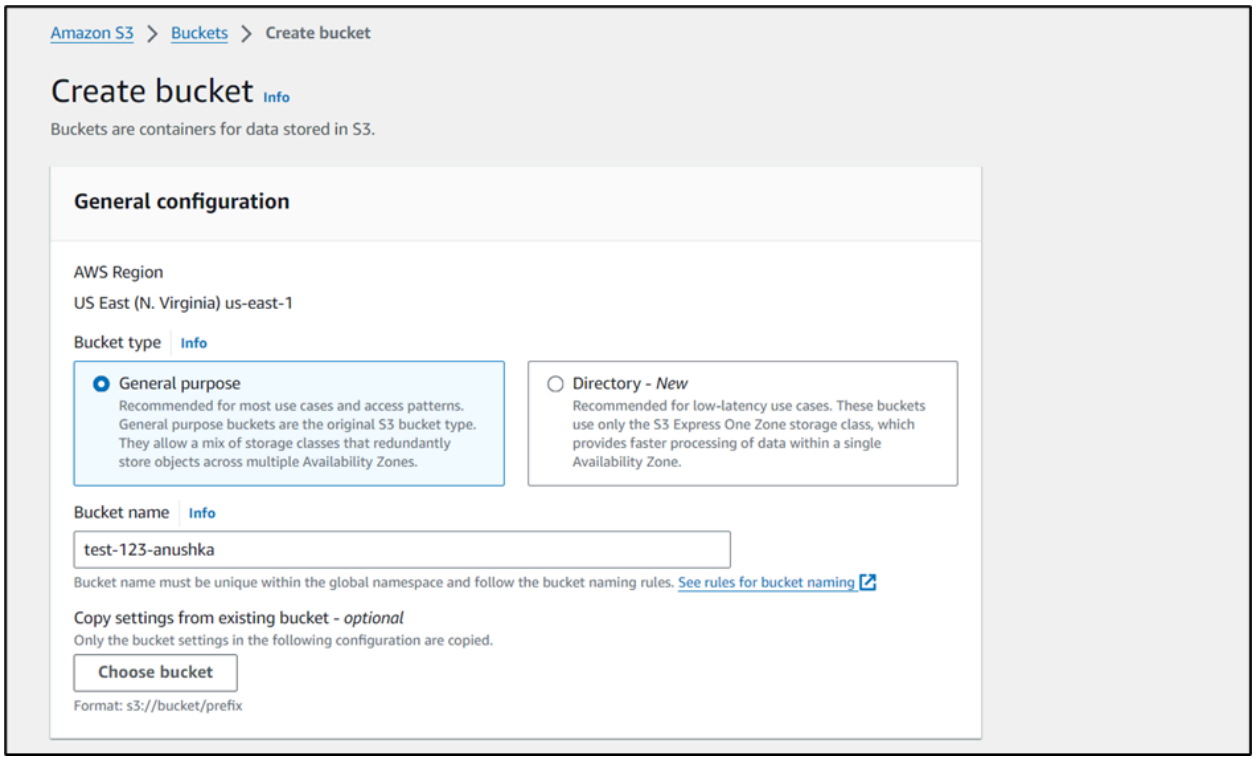
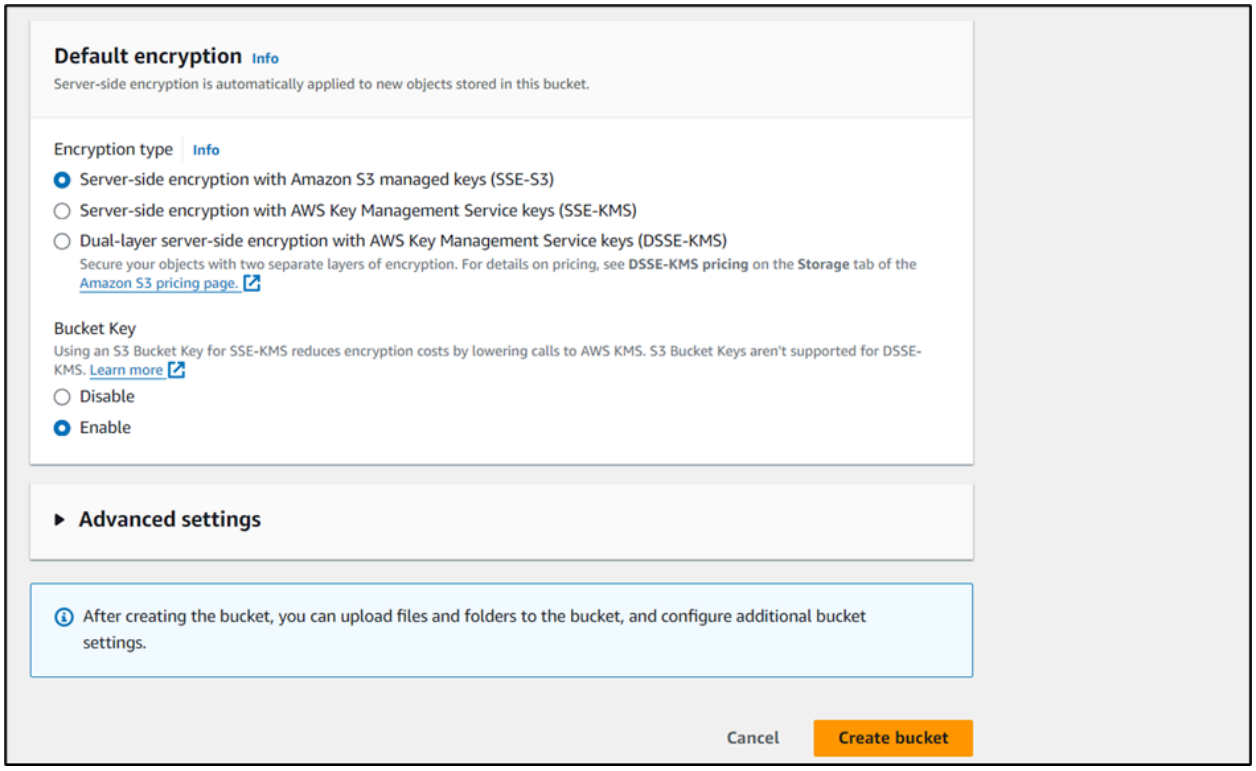
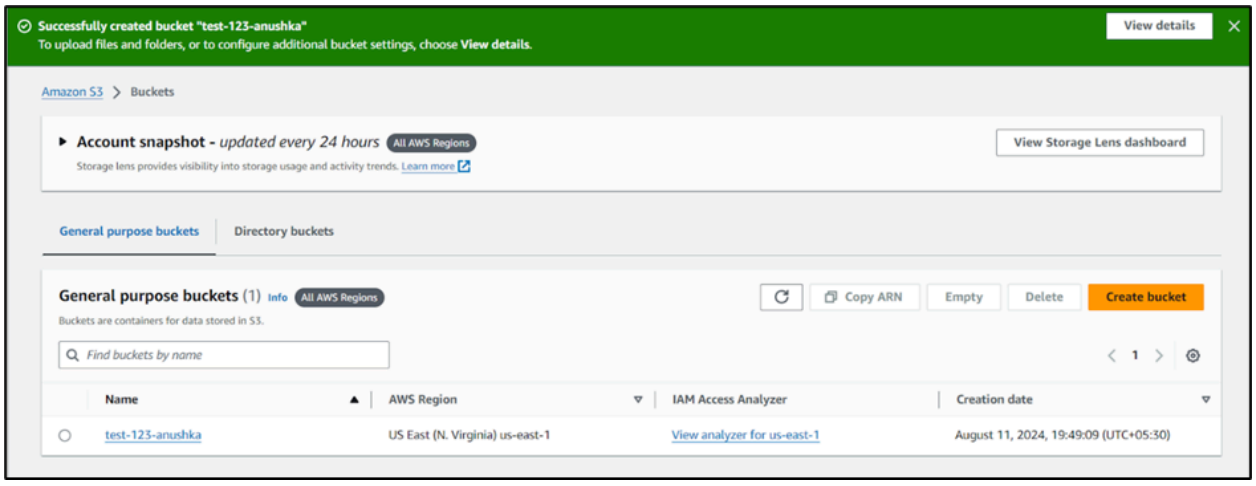


Using S3 bucket :




Default encryption Info
Server-side encryption is automatically applied to new objects stored in this bucket.
Encryption type Info
Server-side encryption with Amazon S3 managed keys (SSE-S3)
Server-side encryption with AWS Key Management Service keys (SSE-KMS)
Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)
Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the Amazon S3 pricing page.
Bucket Key
Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. Learn more
Disable
Enable
Advanced settings
After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.
Cancel
Create bucket


Successfully created bucket "test-123-anushka"
To upload files and folders, or to configure additional bucket settings, choose View details.
View details
Amazon S3 > Buckets
Account snapshot - updated every 24 hours
All AWS Regions
Storage lens provides visibility into storage usage and activity trends. Learn more
View Storage Lens dashboard
General purpose buckets
Directory buckets
General purpose buckets (1) Info
All AWS Regions
Buckets are containers for data stored in S3.
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Name
AWS Region
IAM Access Analyzer
Creation date
test-123-anushka
US East (N. Virginia) us-east-1
View analyzer for us-east-1
August 11, 2024, 19:49:09 (UTC+05:30)

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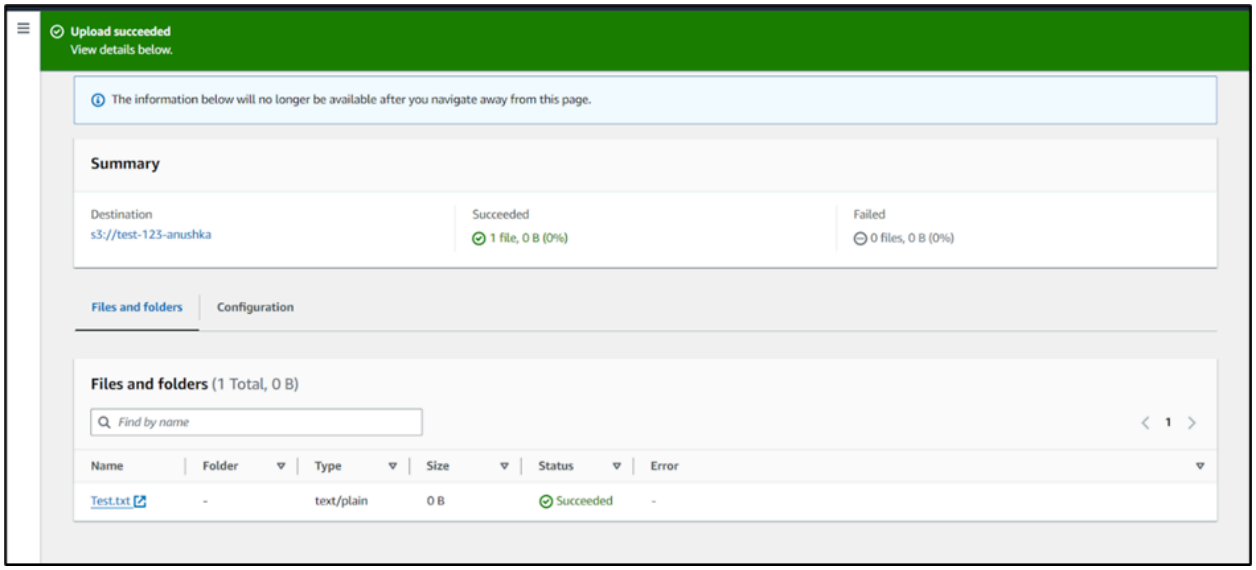

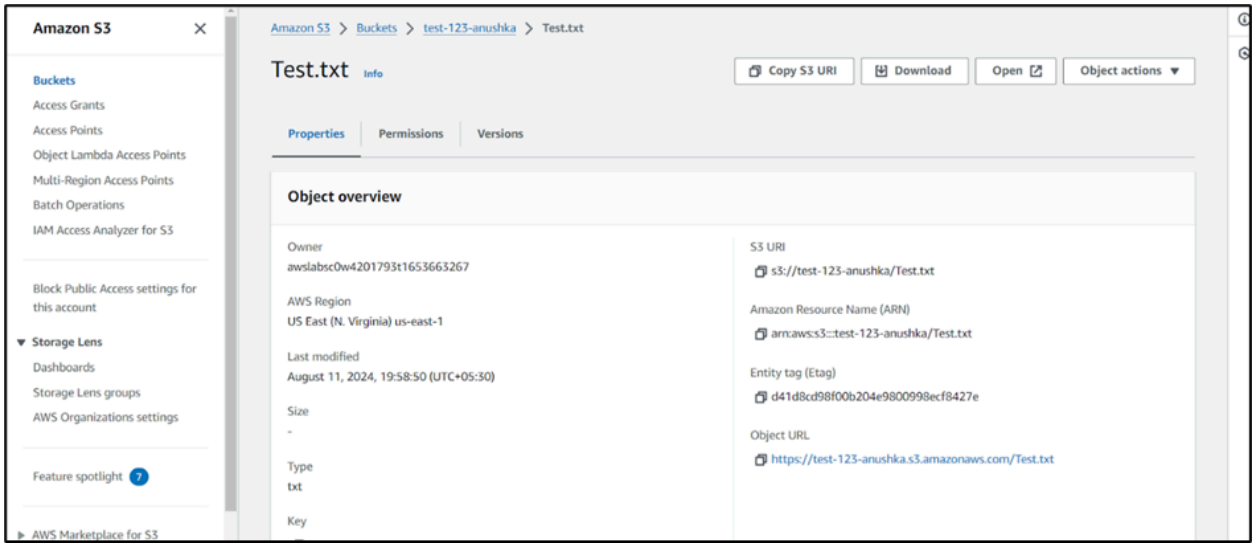

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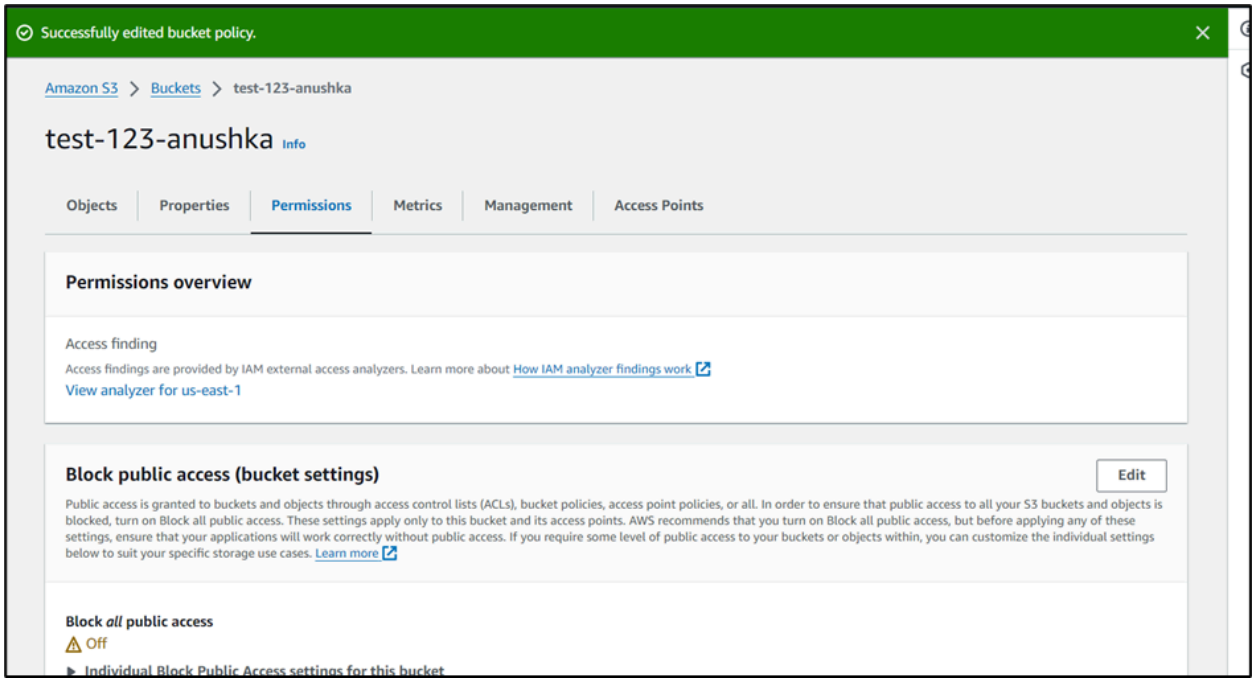

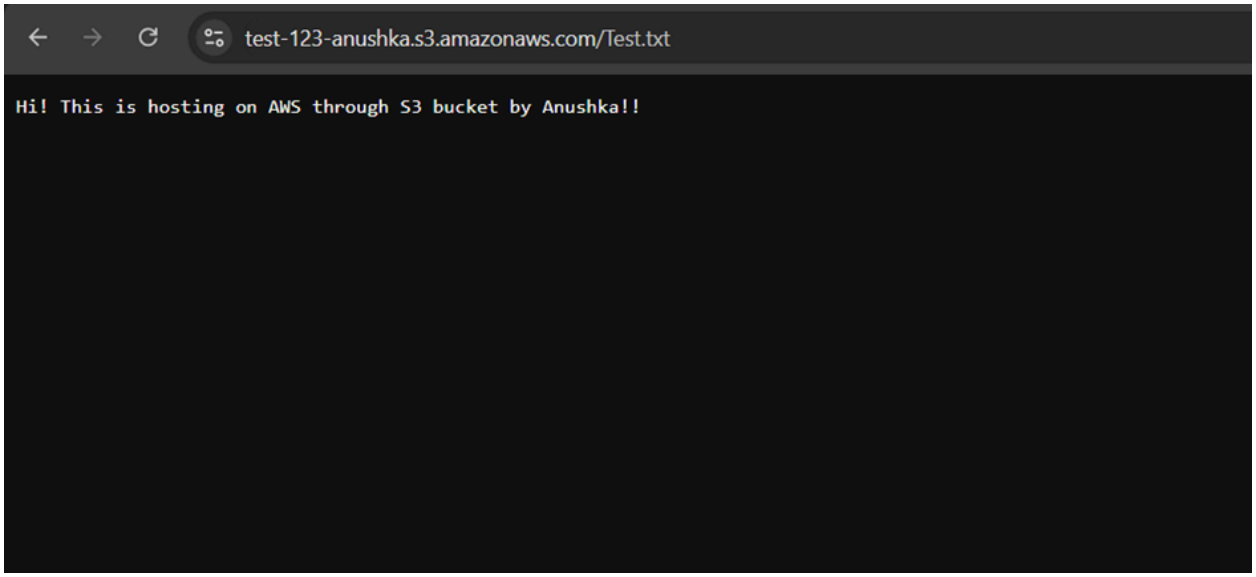

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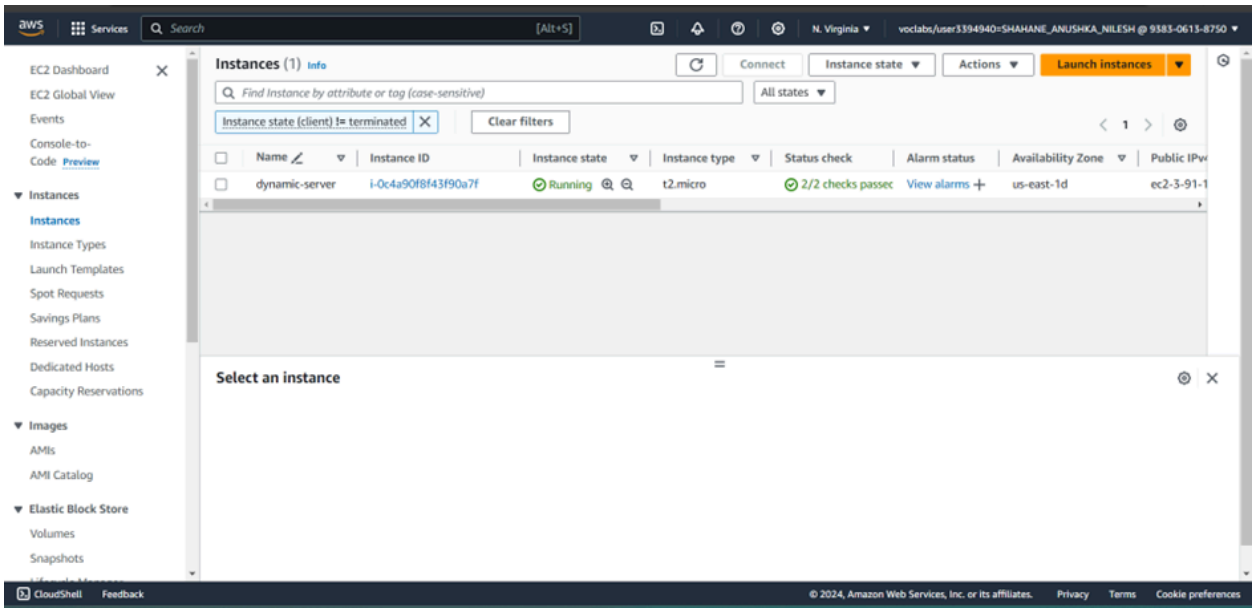
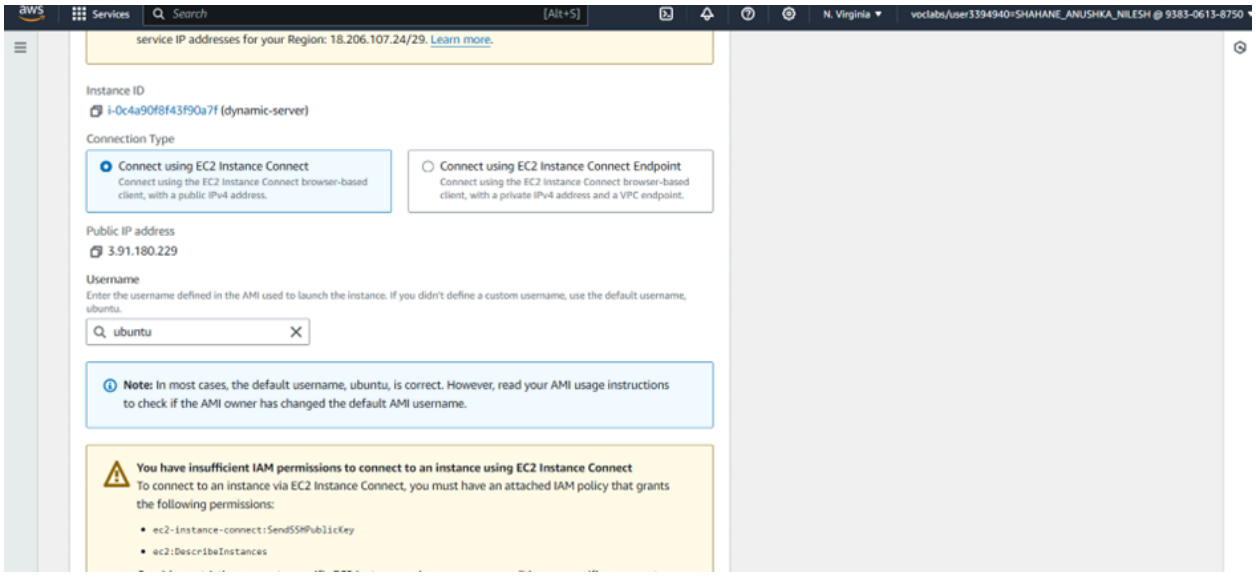
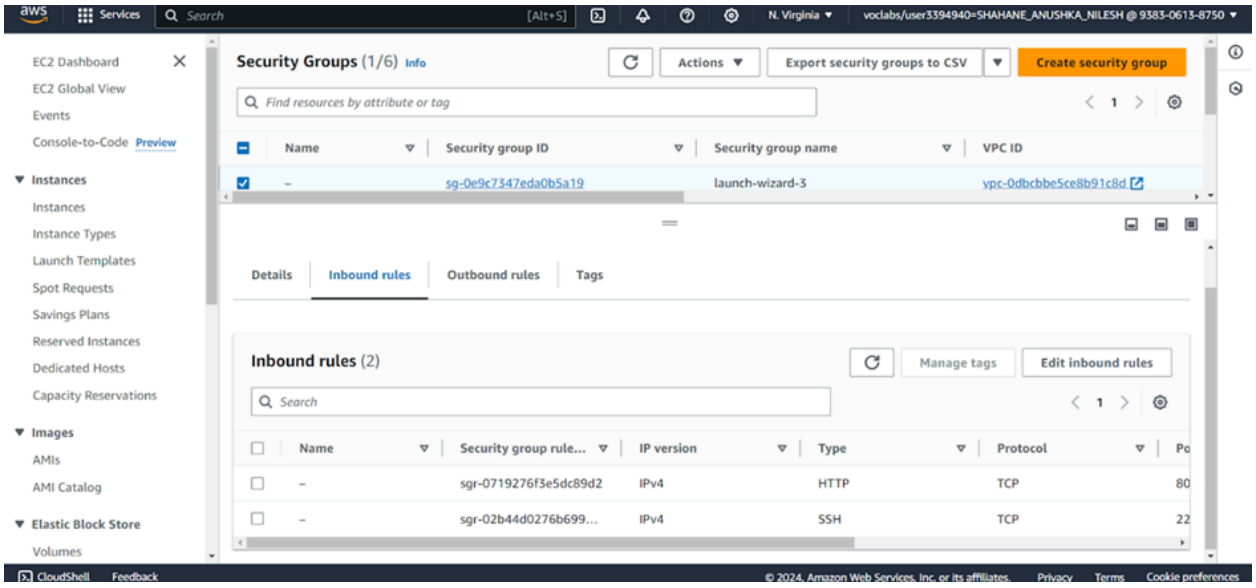
Using EC2 instance :





```
Dynamic_hosting_EC2  Dynamic_hosting_ec2  Hosting_dynamic_ec2  package-lock.json
ubuntu@ip-172-31-83-228:~/Anushka$ cd  Hosting_dynamic_ec2
ubuntu@ip-172-31-83-228:~/Anushka/Hosting_dynamic_ec2$ ls
index.js  package-lock.json  package.json
ubuntu@ip-172-31-83-228:~/Anushka/Hosting_dynamic_ec2$ npm i

added 64 packages, and audited 65 packages in 1s

12 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
ubuntu@ip-172-31-83-228:~/Anushka/Hosting_dynamic_ec2$ npm start

> server@1.0.0 start
> node index.js

Server is running on port 3000
```



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