Semester:V

Academic Year: 2025-26

Class / Branch: TE IT B

Subject: Advanced Devops Lab(ADL)
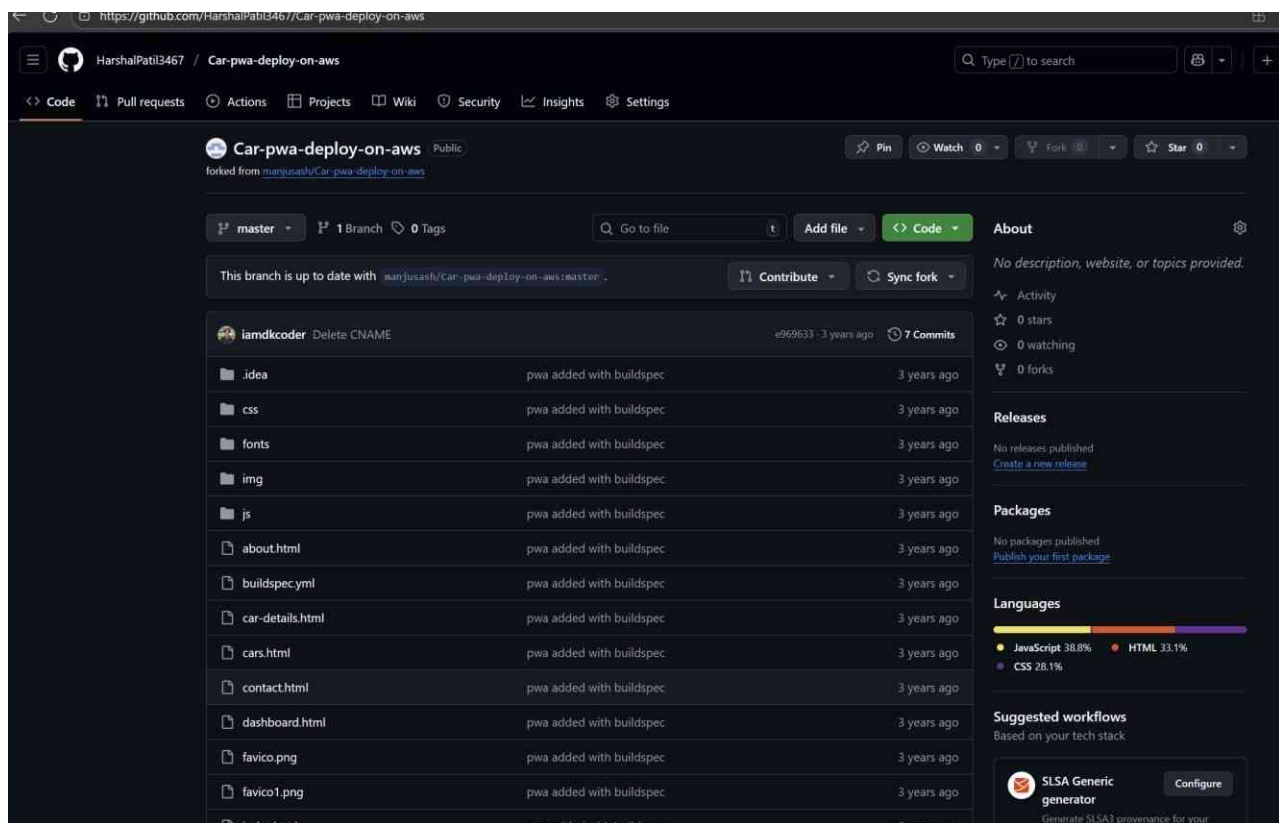
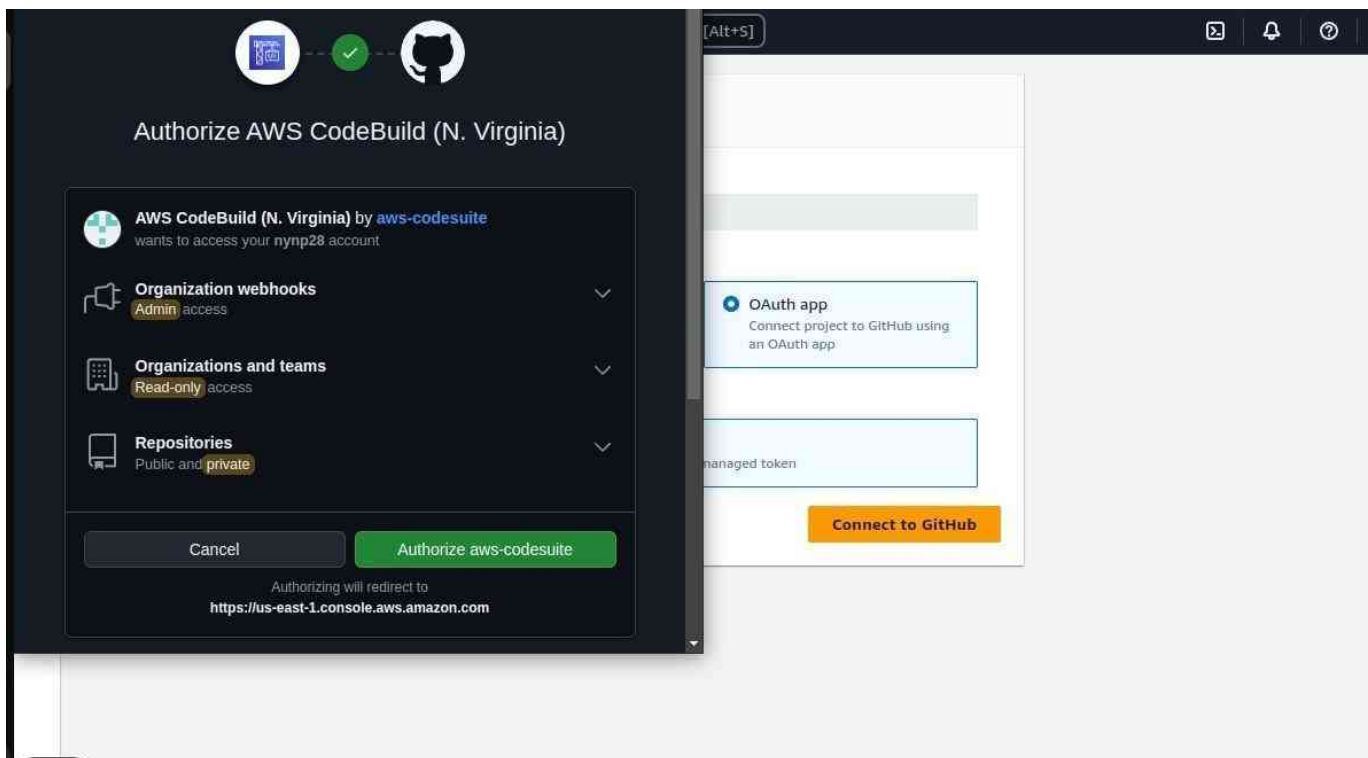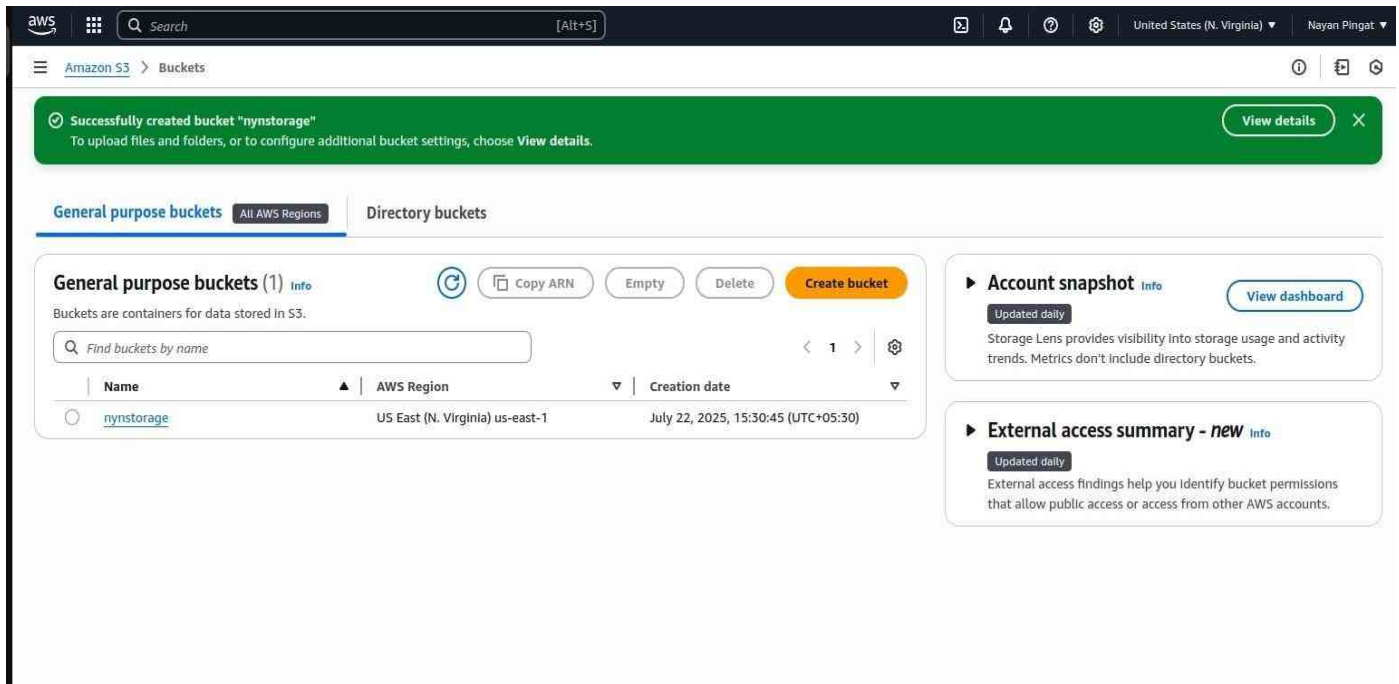**NameofInstructor:Prof.ManjushaK.**

NameofStudent:Tanmay Padule

Student:23104156

EXPERIMENTNO.02

Aim:ToBuildYourApplicationusingAWSCodeBuildandDeployonS3/ SEBSusingAWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy.

☰ Amazon S3 > Buckets ⓘ ⤴ ⊝

⊘ **Successfully created bucket "nynstorage"**
To upload files and folders, or to configure additional bucket settings, choose **View details**.

(View details) ✕

General purpose buckets [All AWS Regions]   **Directory buckets**

General purpose buckets (1) Info
Buckets are containers for data stored in S3.

⟳ (⎘ Copy ARN) (Empty) (Delete) (**Create bucket**)

🔍 Find buckets by name

⟨ 1 ⟩ ⚙

	Name ▲	AWS Region ▽	Creation date ▽
○	nynstorage	US East (N. Virginia) us-east-1	July 22, 2025, 15:30:45 (UTC+05:30)

▶ **Account snapshot** Info
[Updated daily]

(View dashboard)

Storage Lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets.

▶ **External access summary - *new*** Info
[Updated daily]

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

[Alt+S] ⊡ ᐃ ⑦

Authorize AWS CodeBuild (N. Virginia)

AWS CodeBuild (N. Virginia) by **aws-codesuite**
wants to access your **nynp28** account

🔌 **Organization webhooks**
[Admin] access ⌄

🏢 **Organizations and teams**
[Read-only] access ⌄

📕 **Repositories**
Public and [private] ⌄

(Cancel) (**Authorize aws-codesuite**)

Authorizing will redirect to
https://us-east-1.console.aws.amazon.com

🔵 **OAuth app**
Connect project to GitHub using an OAuth app

managed token

(**Connect to GitHub**)

Conclusion: Thus, we studied to build your application using AWS CodeBuild and Deploy on S3/ SEBS using AWS Code Pipeline.