

Code pipeline

The screenshot shows the AWS CodePipeline console. On the left, there's a sidebar with 'Developer Tools' and 'CodePipeline'. The main area displays a list of pipelines. The 'CodepipelineService' pipeline is highlighted, showing a 'Succeeded' status. The pipeline details show a 'Source' action using 'GitHub (via GitHub App)' and a 'Build' action using 'AWS CodeBuild'.

Name	Latest execution status	Latest source revisions	Latest execution started	Most recent executions
CodepipelineService	Succeeded	Source - c61e76e3 : chore(changes): change to test	2 minutes ago	View details

Code pipeline build

The screenshot shows the AWS CodePipeline console for the 'CodepipelineService' pipeline. The 'Pipeline' tab is selected, showing a visual representation of the pipeline stages. The 'Source' stage is followed by the 'Build' stage. Both stages show 'All actions succeeded'.

Source Stage:

- Action: Source (GitHub (via GitHub App))
- Status: Succeeded
- Revision: [c61e76e3](#)

Build Stage:

- Action: Build (AWS CodeBuild)
- Status: Succeeded
- Revision: [c61e76e3](#)

S3 code after being deployed by cicd

The screenshot shows the AWS S3 console for the bucket 'miu-workshop-3-frontend-react-bucket'. The 'Objects' tab is selected, showing a list of objects. One object, 'asset-manifest.json', is visible.

Name	Type	Last modified	Size	Storage class
asset-manifest.json	json	April 16, 2025, 08:23:17 (UTC-05:00)	605.0 B	Standard

Code Build to build the project to s3

The screenshot shows the AWS CodeBuild console for the project **AWSCloudCourseBuild**. The left sidebar contains navigation links for Developer Tools, CodeBuild, Source (CodeCommit), Artifacts (CodeArtifact), Build (CodeBuild), and Deploy (CodeDeploy). The main panel displays the project configuration and build history.

Configuration

Source provider	Primary repository	Artifacts upload location	Service role
GitHub	ngaurav07/codepipeline-react	-	arn:aws:iam::842676015714:role/CodeBuildServiceRole

Public builds: Disabled

Build history

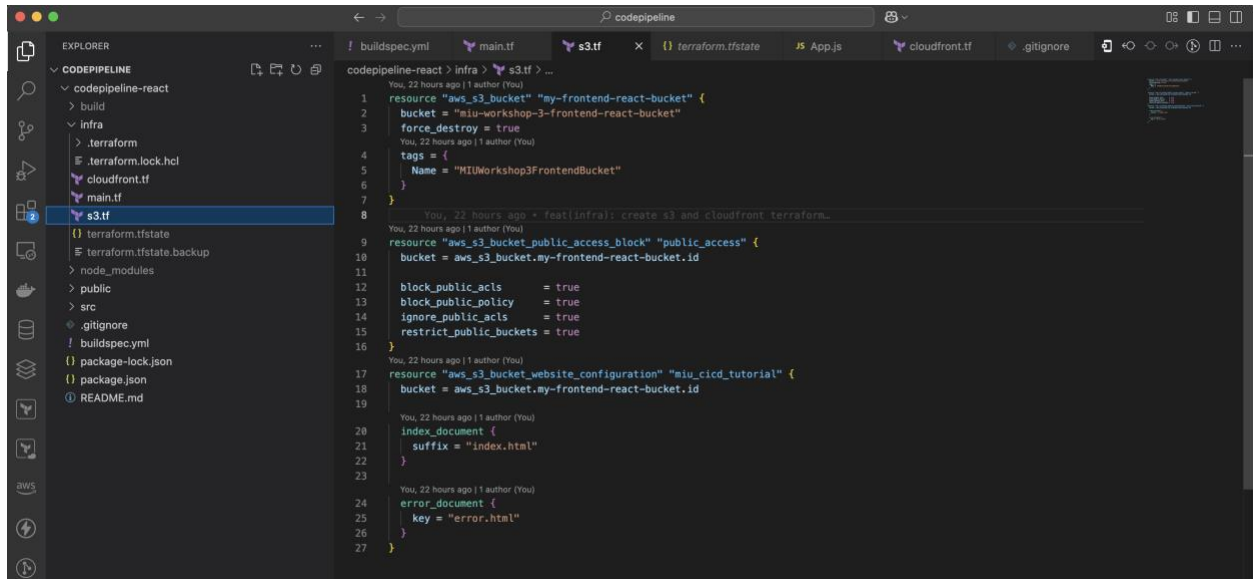
Build run	Status	Build number	Source version	Submitter	Duration	Completed
AWSCloudCourseBuild:53eb2fb1-62e1-47e4-8cff-40956aaabcd3	Succeeded	3	arn:aws:s3:::codepipeline-us-east-2-a704f0b06355-45b7-bd10-78b1c9445fc3/CodepipelineService/SourceArti/y6	codepipeline/CodepipelineService	39 seconds	3 minutes ago

Cloudfront after code being deployed by CICD

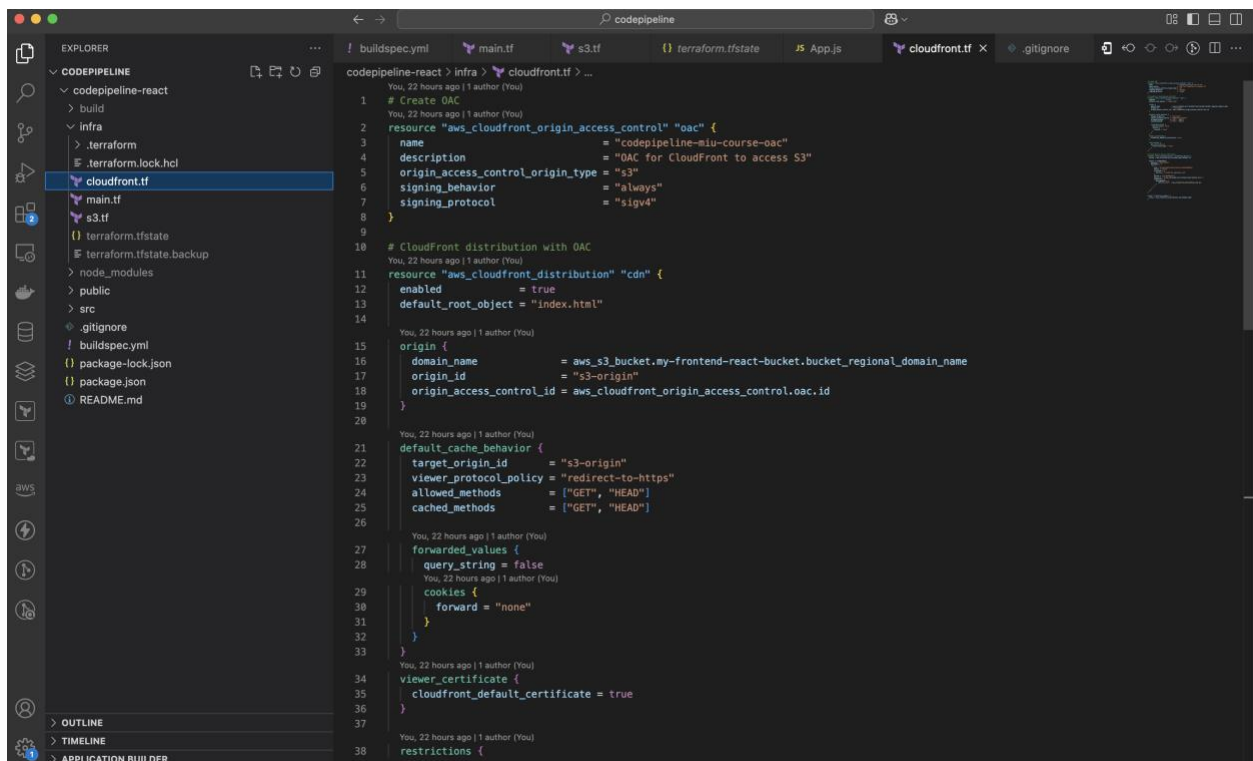
The screenshot shows a web browser displaying the CloudFront distribution URL `dgqq416ytrq3x.cloudfront.net`. The page content is:

Hello World, Gaurav

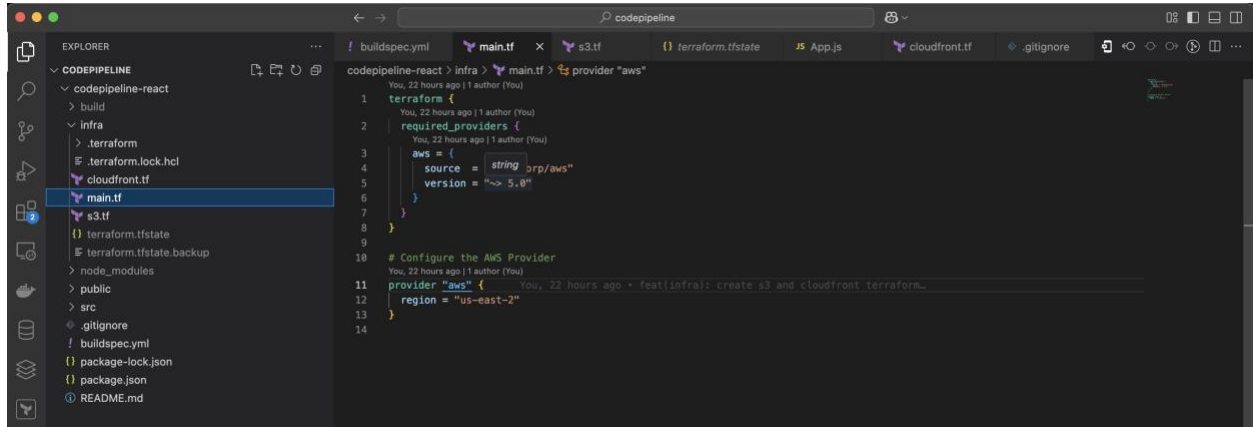
S3 Terraform template



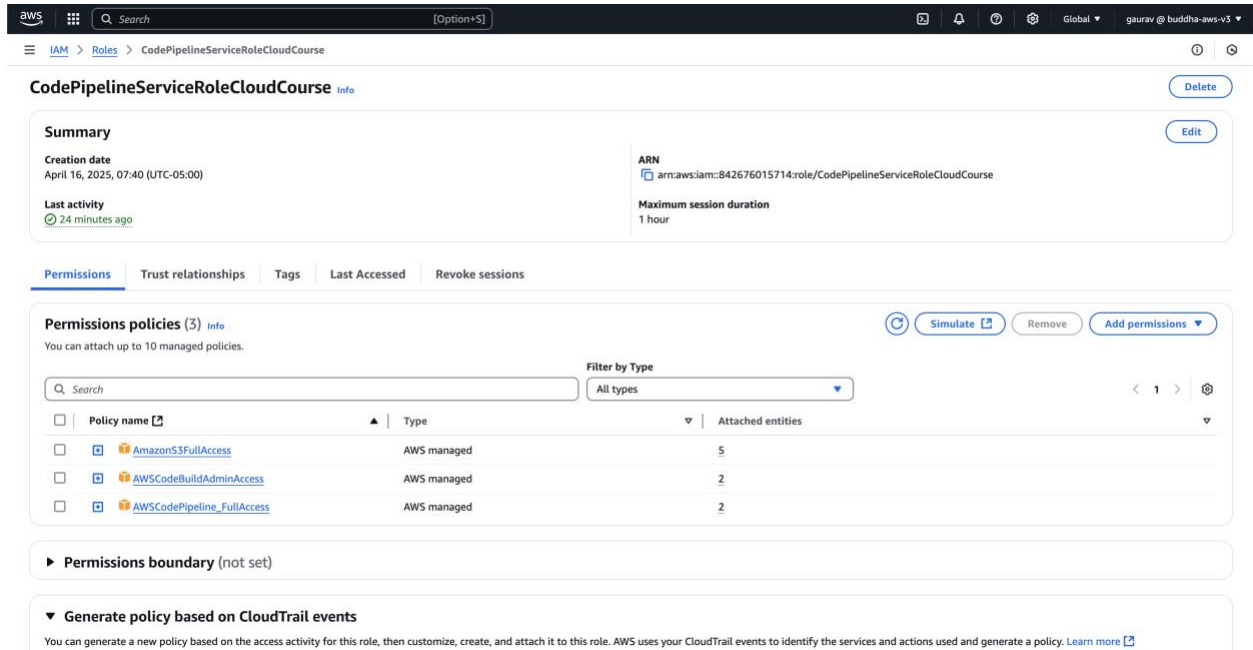
Cloudfront terraform template



AWS main.tf



IAM Role for code pipeline



Code build service role

aws

Search

[Option+S]

Global

gaurav @ buddha-aws-v3

IAM > Roles > CodeBuildServiceRole

1

CodeBuildServiceRole

info

Allows CodeBuild to call AWS services on your behalf.

Delete

Summary

Edit

Creation date

April 16, 2025, 07:43 (UTC-05:00)

Last activity

27 minutes ago

ARN

arn:aws:iam::842676015714:role/CodeBuildServiceRole

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Last Accessed

Revoke sessions

Permissions policies (4)

info

Simulate

Remove

Add permissions

You can attach up to 10 managed policies.

Filter by Type

All types

< 1 >

☐

Policy name

☐

AmazonS3FullAccess

AWS managed

5

☐

AWSCodeBuildAdminAccess

AWS managed

2

☐

CloudFrontFullAccess

AWS managed

1

☐

CodeBuildBasePolicy-CodeBuildServiceRole-us-east-2

Customer managed

1