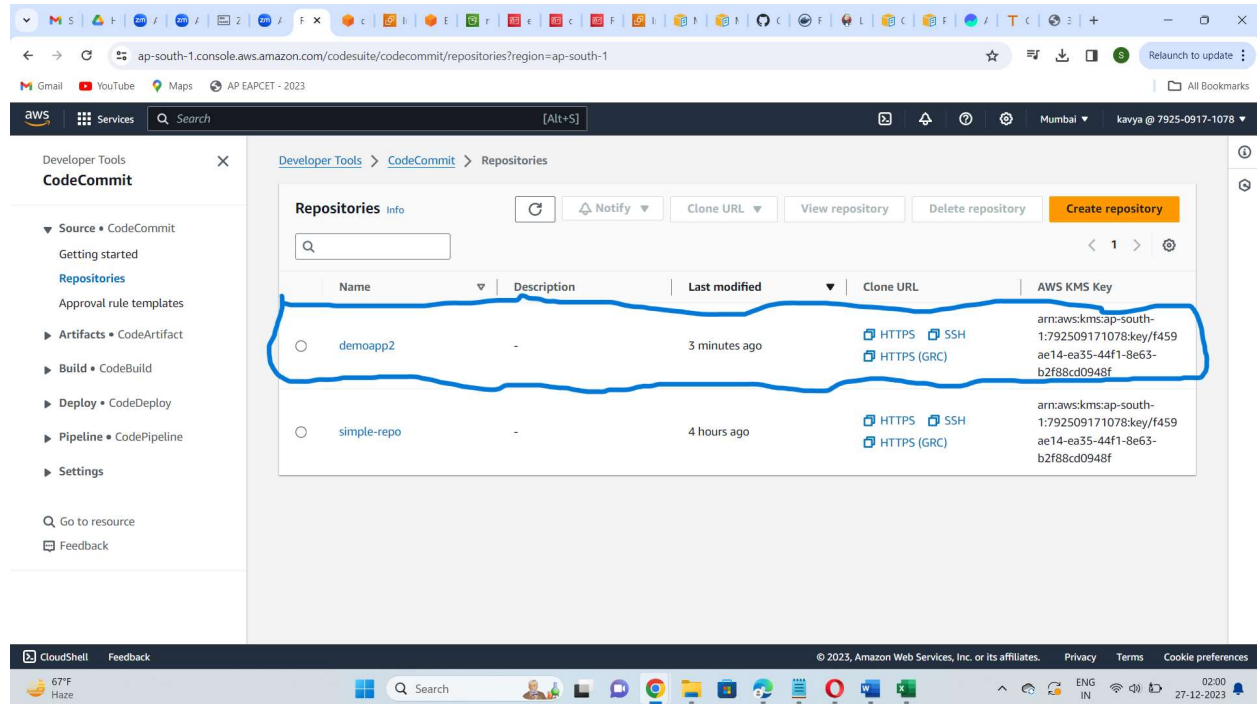


Create Repo in CodeCommit & practice CodeBuild & Pipelines.

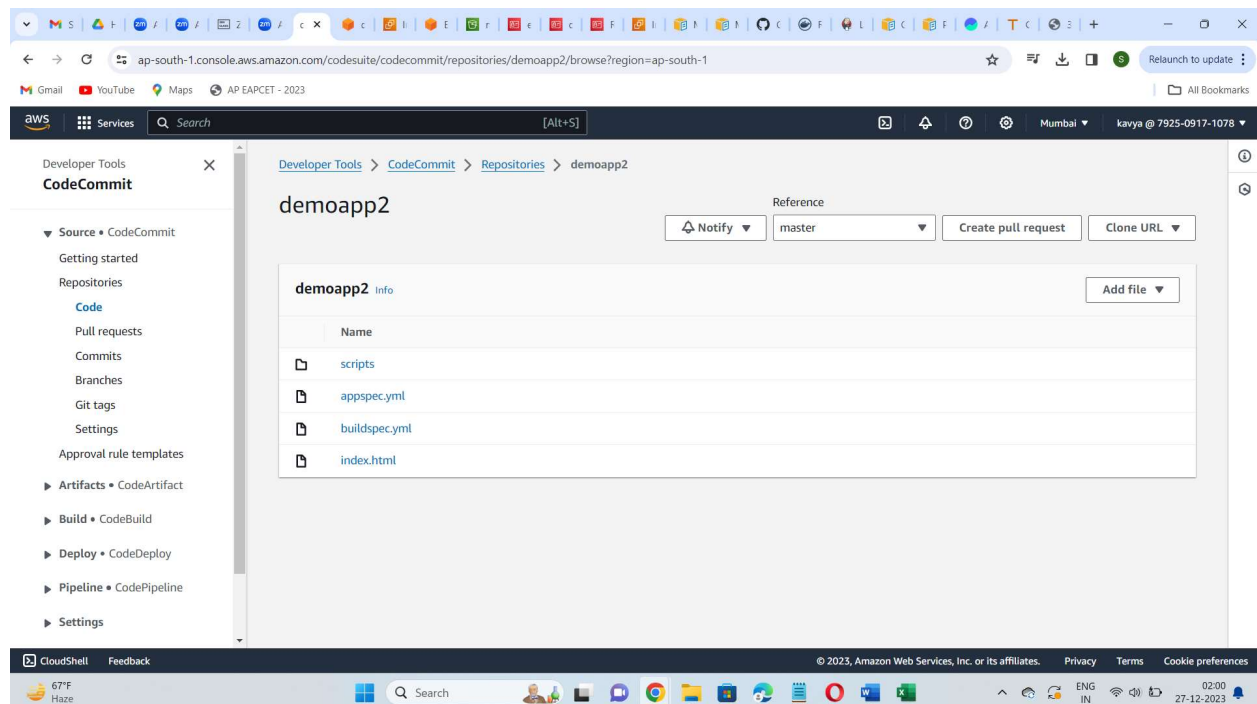
Create Repo in CodeCommit



The screenshot shows the AWS CodeCommit console. The left sidebar lists various developer tools, with CodeCommit selected. The main area displays a list of repositories. The 'demoapp2' repository is highlighted with a blue circle. The table below shows the details of the repositories.

Name	Description	Last modified	Clone URL	AWS KMS Key
demoapp2	-	3 minutes ago	HTTPS SSH HTTPS (GRC)	arn:aws:kms:ap-south-1:792509171078:key/f459ae14-ea35-44f1-8e63-b2f88cd0948f
simple-repo	-	4 hours ago	HTTPS SSH HTTPS (GRC)	arn:aws:kms:ap-south-1:792509171078:key/f459ae14-ea35-44f1-8e63-b2f88cd0948f

Yaml files inside the codecommit repo



The screenshot shows the AWS CodeCommit console for the 'demoapp2' repository. The left sidebar lists various developer tools, with CodeCommit selected. The main area displays the repository details for 'demoapp2'. The file list shows the following files:

- scripts
- appspec.yml
- buildspec.yml
- index.html

The html file to be executed in frontend

The screenshot shows the AWS CodeCommit console interface. The left sidebar contains a 'Developer Tools' menu with options like Source, Artifacts, Build, Deploy, Pipeline, and Settings. The main area displays the 'demoapp2 / index.html' file. The file content is as follows:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <style>
5   body {
6     font-family: Arial, sans-serif;
7     background-color: #f2f2f2;
8     color: #333;
9     text-align: center;
10  }
11
12  h1 {
13    font-size: 36px;
14    margin-top: 50px;
15    color: #6130e8;
16  }
17
18  p {
19    font-size: 18px;
20    margin: 20px 0;
21  }
22 </style>
23 </head>
24 <body>
25 <h1>Hello Devops iam sumanth reddy</h1>
26 <p></p>
27 </body>
28 </html>
29
```

The bottom of the screenshot shows the Windows taskbar with the system clock at 02:06 on 27-12-2023.

practice CodeBuild

The screenshot shows the AWS CodeBuild console interface. The left sidebar contains a 'Developer Tools' menu with options like Source, Artifacts, Build, Deploy, Pipeline, and Settings. The main area displays the 'Build projects' table. The table has the following columns: Name, Source provider, Repository, Latest build status, Description, and Last Modified. The table contains one row for the 'demoapp' project.

Name	Source provider	Repository	Latest build status	Description	Last Modified
demoapp	AWS CodeCommit	demoapp2	Succeeded	-	1 hour ago

The bottom of the screenshot shows the Windows taskbar with the system clock at 02:00 on 27-12-2023.

ap-south-1.console.aws.amazon.com/codesuite/codebuild/792509171078/projects/demoapp/history?region=ap-south-1&builds-meta=eyJmJp7lnRleHQiOiIiSwicyl6...

Developer Tools
CodeBuild

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
 - Getting started
 - Build projects
 - Build project**
 - Settings
 - Build history
 - Report groups
 - Report history
 - Account metrics
- Deploy • CodeDeploy
- Pipeline • CodePipeline
- Settings

Build history

Build run	Status	Build number	Source version	Submitter	Duration	Completed
<input type="checkbox"/> demoapp:9564c843-6267-42b3-b944-0f113d39c92f	Succeeded	3	arn:aws:s3:::codepipeline-ap-south-1-687674232768/demoapp-cicd/SourceArti/qL2PbRt	codepipeline/dem oapp-cicd	52 seconds	1 minute ago
<input type="checkbox"/> demoapp:978d741a-13b1-4f4b-9dbd-06e970a24439	Succeeded	2	arn:aws:s3:::codepipeline-ap-south-1-687674232768/demoapp-cicd/SourceArti/2ZXqjbE	codepipeline/dem oapp-cicd	52 seconds	5 minutes ago
<input type="checkbox"/> demoapp:790219c2-042e-49d5-a87b-dd2768c85d60	Succeeded	1	refs/heads/maste r	kavya	59 seconds	1 hour ago

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Search

ENG IN 02:01 27-12-2023

ap-south-1.console.aws.amazon.com/codesuite/codedeploy/applications?region=ap-south-1

Developer Tools
CodeDeploy

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
- Deploy • CodeDeploy
 - Getting started
 - Deployments
 - Applications**
 - Deployment configurations
 - On-premises instances
- Pipeline • CodePipeline
- Settings

Applications

Notify View details Deploy application **Create application**

Search

Application name	Compute platform	Created
<input type="radio"/> demoapp-deploy	EC2/On-premises	1 hour ago

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Search

ENG IN 02:01 27-12-2023

ap-south-1.console.aws.amazon.com/codesuite/codedeploy/deployments/d-1C0KNBXE2?region=ap-south-1

Developer Tools > CodeDeploy > Deployments > d-1C0KNBXE2

d-1C0KNBXE2

[Copy deployment](#) [Retry deployment](#)

Deployment status

Installing application on your instances

100%

1 of 1 instances updated ✓ Succeeded

Deployment details

Application	demoapp-deploy	Deployment ID	d-1C0KNBXE2	Status	✓ Succeeded
Deployment configuration	CodeDeployDefault.AllAtOnce	Deployment group	demoapp2-deploy	Initiated by	User action
Deployment description	-				

ap-south-1.console.aws.amazon.com/codesuite/codedeploy/deployments/d-1C0KNBXE2/instances/arm%3Aaws%3Aec2%3Aap-south-1%3A792509171078%3Ainstanc...

Developer Tools > CodeDeploy > Deployments > d-1C0KNBXE2 > Instances

Instances

[Copy deployment](#) [Retry deployment](#)

Revision details

Revision location	Revision created	Revision description
s3://codepipeline-ap-south-1-687674232768/demoapp-cicd/BuildArtif/1UXEz?eTag=c988d68f2686a9eb96d4c09410bed57a	3 minutes ago	Application revision registered by Deployment ID: d-1C0KNBXE2

Event	Duration	Status	Error code	Start time	End time
ApplicationStop	less than one second	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)
DownloadBundle	less than one second	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)
BeforeInstall	less than one second	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)
Install	less than one second	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)
AfterInstall	2 seconds	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)
ApplicationStart	1 second	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)
ValidateService	less than one second	✓ Succeeded	-	Dec 27, 2023 1:59 AM (UTC+5:30)	Dec 27, 2023 1:59 AM (UTC+5:30)

Pipelines

The screenshot shows the AWS CodePipeline console. The left sidebar contains a navigation menu with options: Source • CodeCommit, Artifacts • CodeArtifact, Build • CodeBuild, Deploy • CodeDeploy, Pipeline • CodePipeline (selected), and Settings. The main content area displays a list of pipelines. The table has columns: Name, Type, Most recent execution, Latest source revisions, and Last executed. One pipeline, 'demoapp-cicd', is listed with Type 'V1', a 'Succeeded' status, and a 'Last executed' time of '3 minutes ago'. The source revision is 'Source - 1ab3c62d: Edited index.html'.

Name	Type	Most recent execution	Latest source revisions	Last executed
demoapp-cicd	V1	Succeeded	Source - 1ab3c62d: Edited index.html	3 minutes ago

Pipeline executed step by step from source, build, deploy

The screenshot shows the execution details of the 'demoapp-cicd' pipeline. The left sidebar is the same as the previous screenshot. The main content area shows the pipeline name 'demoapp-cicd' and its type 'V1'. A notification banner states: 'This pipeline has a source (Source) that is configured for polling. Migrate (update) your pipeline to the recommended event-based mechanism for change detection. For details, see the migration guide.' Below this, the 'Source' step is shown as 'Succeeded' with a 'Pipeline execution ID' of 'c7a3440-fbe2-4745-a59f-a2bdd2b03efe'. The source is 'AWS CodeCommit' and the commit is '1ab3c62d'. The source message is 'Source: Edited index.html'. A 'Disable transition' button is visible at the bottom.

demoapp-cicd Pipeline type: V1

This pipeline has a source (Source) that is configured for polling. Migrate (update) your pipeline to the recommended event-based mechanism for change detection. For details, see the [migration guide](#).

Source Succeeded
Pipeline execution ID: c7a3440-fbe2-4745-a59f-a2bdd2b03efe

Source
AWS CodeCommit
Succeeded - 4 minutes ago
1ab3c62d
Source: Edited index.html

Disable transition

ap-south-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/demoapp-cicd/view?region=ap-south-1

Developer Tools
CodePipeline

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- Deploy • CodeDeploy
- Pipeline • CodePipeline
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 - Pipeline**
 - History
 - Settings
- Settings

Go to resource
Feedback

Build Succeeded
Pipeline execution ID: [c7a3440-fbe2-4745-a39f-a2bdd2b05efe](#)

Build
[AWS CodeBuild](#)
Succeeded - 4 minutes ago
[Details](#)
[View logs](#)

1ab3c62d Source: Edited index.html

Disable transition

Deploy Succeeded
Pipeline execution ID: [c7a3440-fbe2-4745-a39f-a2bdd2b05efe](#)

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ap-south-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/demoapp-cicd/view?region=ap-south-1

Developer Tools
CodePipeline

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Go to resource
Feedback

Build Succeeded
Pipeline execution ID: [c7a3440-fbe2-4745-a39f-a2bdd2b05efe](#)

Build
[AWS CodeBuild](#)
Succeeded - 4 minutes ago
[Details](#)
[View logs](#)

1ab3c62d Source: Edited index.html

Disable transition

Deploy Succeeded
Pipeline execution ID: [c7a3440-fbe2-4745-a39f-a2bdd2b05efe](#)

Deploy
[AWS CodeDeploy](#)
Succeeded - 3 minutes ago
[Details](#)

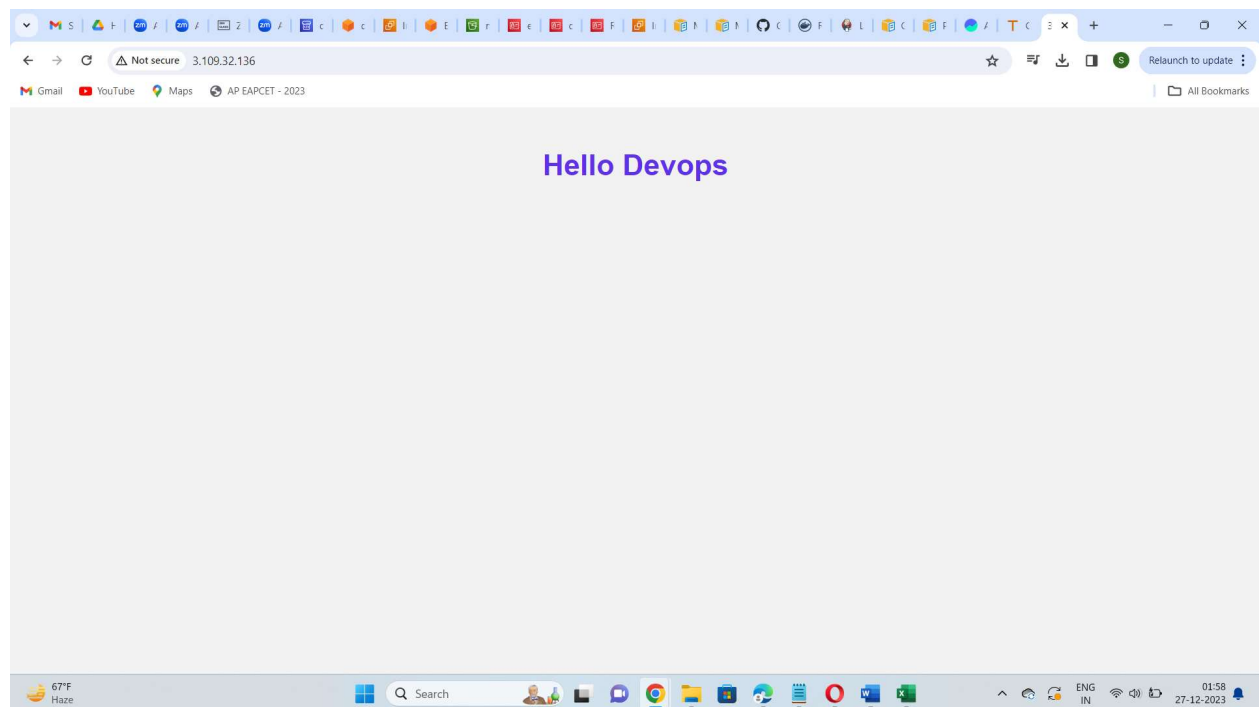
1ab3c62d Source: Edited index.html

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Final output from public IP of ec2 without pipeline



Final output from public IP of ec2 with pipeline

