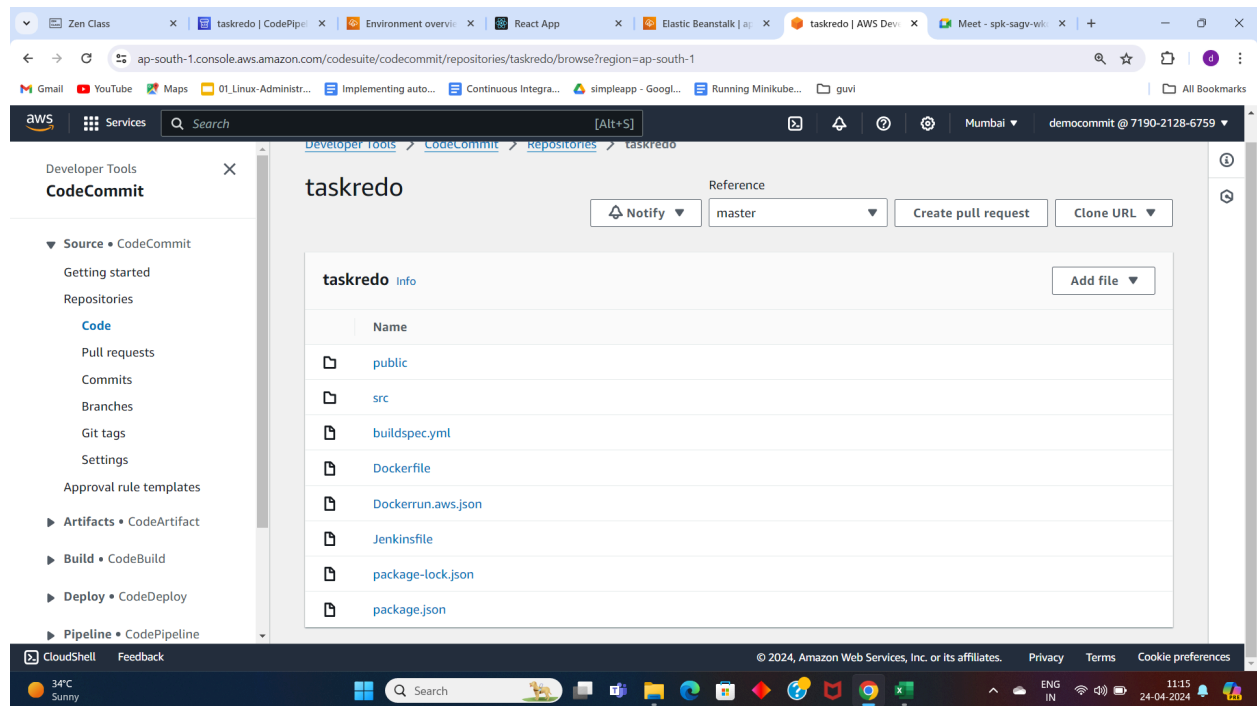


# Build and Deploy Dockerized React JS Application with AWS CI-CD and ElasticBeanstalk

**GITHUB :** <https://github.com/DEEPTHI-92/ebstask.git>  
**Code Storage (CodeCommit)**

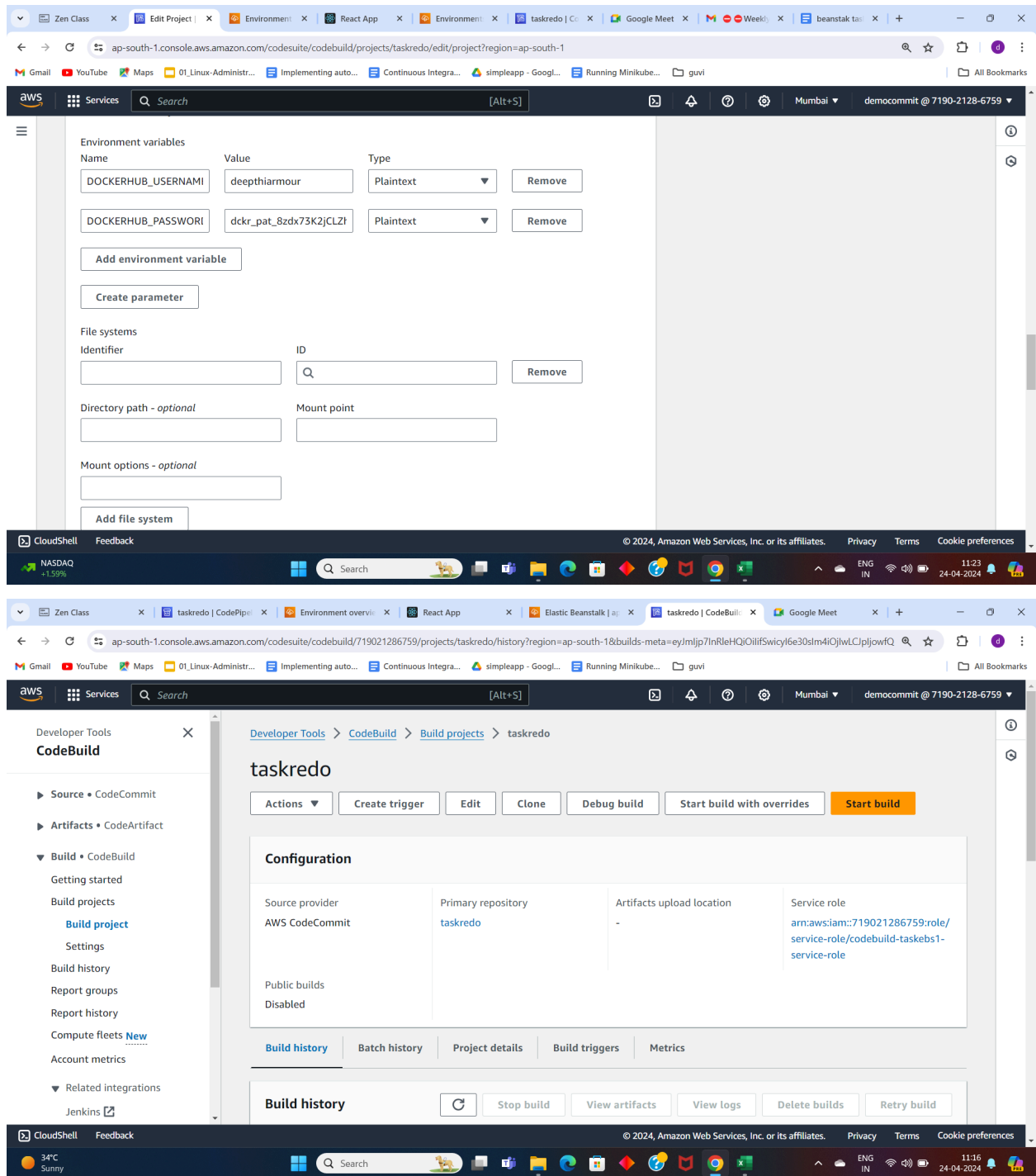


Created a dockerfile for the reactjs app used Aws codecommit to store the repo

## Docker Build (CodeBuild)

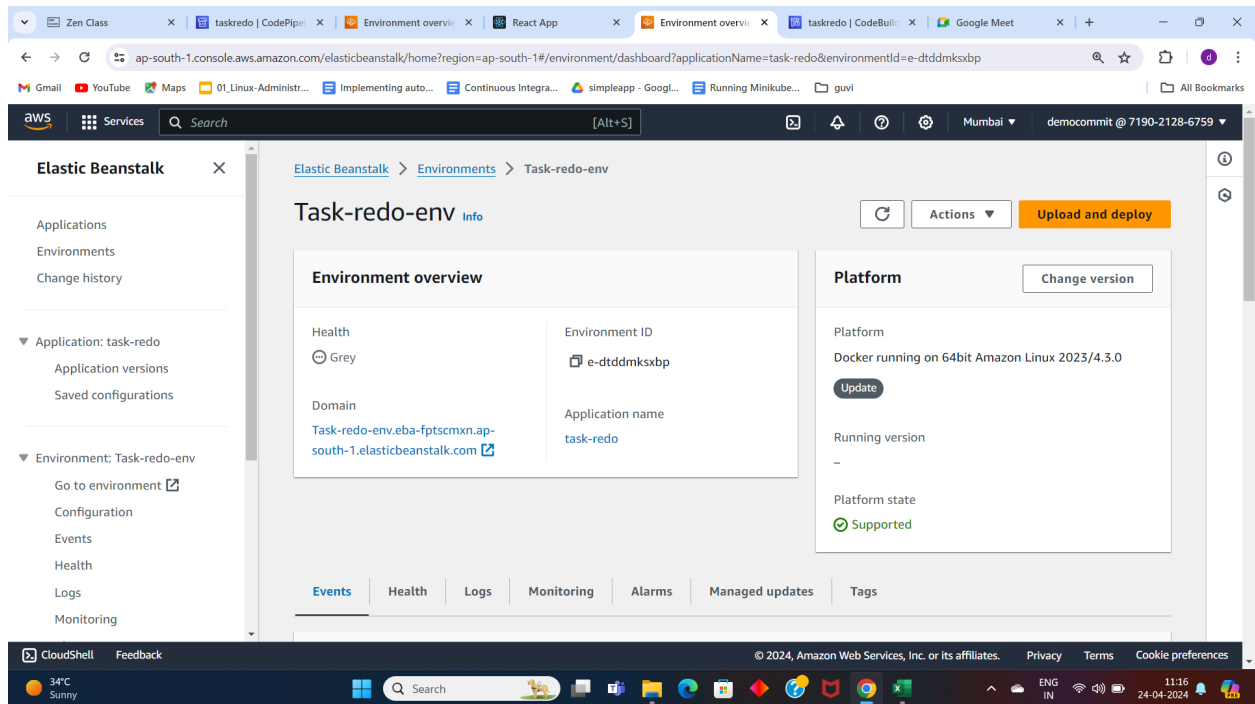
Added env variables for docker login in code build  
And buildspec file

ADDING ENV VARIABLES FOR DOCKER LOGIN

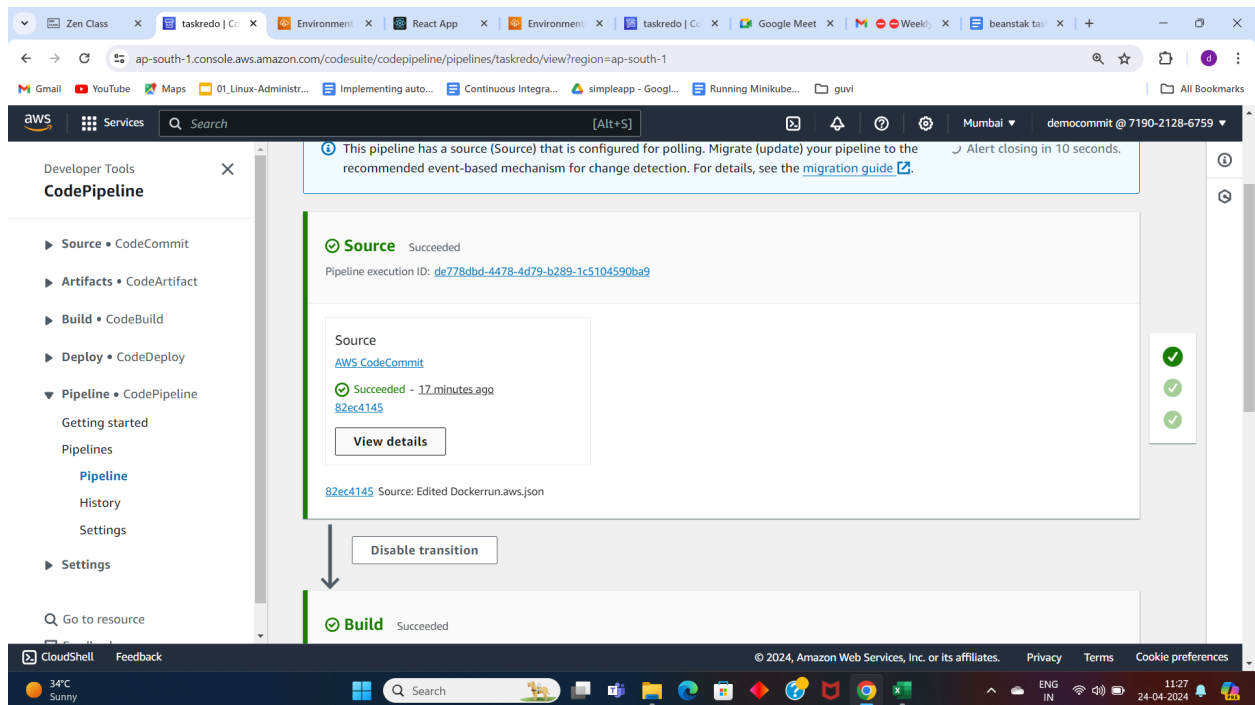


## Continuous Deployment (ElasticBeanstalk)

**Created** dockerrun.aws.json file for deployment n created a elastic beanstak environment



## Continuous Integration (CodePipeline)



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

Developer Tools  
**CodePipeline**

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
- Deploy • CodeDeploy
- Pipeline • CodePipeline
  - Getting started
  - Pipelines
    - Pipeline**
    - History
    - Settings
  - Settings

Go to resource

**Build** Succeeded  
Pipeline execution ID: [de778dbd-4478-4d79-b289-1c5104590ba9](#)

Build  
[AWS CodeBuild](#)  
Succeeded - 16 minutes ago  
[View details](#)

82ec4145 Source: Edited Dockerrun.aws.json

Disable transition

**Deploy** Succeeded  
Pipeline execution ID: [de778dbd-4478-4d79-b289-1c5104590ba9](#)

CloudShell Feedback

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

Developer Tools  
**CodePipeline**

- Source • CodeCommit
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  - Pipelines
    - Pipeline**
    - History
    - Settings
  - Settings

Go to resource

Succeeded - 16 minutes ago  
[View details](#)

82ec4145 Source: Edited Dockerrun.aws.json

Disable transition

**Deploy** Succeeded  
Pipeline execution ID: [de778dbd-4478-4d79-b289-1c5104590ba9](#)

Deploy  
[AWS Elastic Beanstalk](#)  
Succeeded - 14 minutes ago  
[View details](#)

82ec4145 Source: Edited Dockerrun.aws.json

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Output

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Address bar: Not secure task-redo-env.eba-ftpccmyn.ap-south-1.elasticbeanstalk.com

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## Most famous DevOps Tools:

[Git](#) [Jenkins](#) [Docker](#) [Kubernetes](#)

System tray: 34°C Sunny, Search, Taskbar icons (File Explorer, Edge, etc.), System icons (Network, Volume, etc.), Date/Time: 11:17, 24-04-2024.