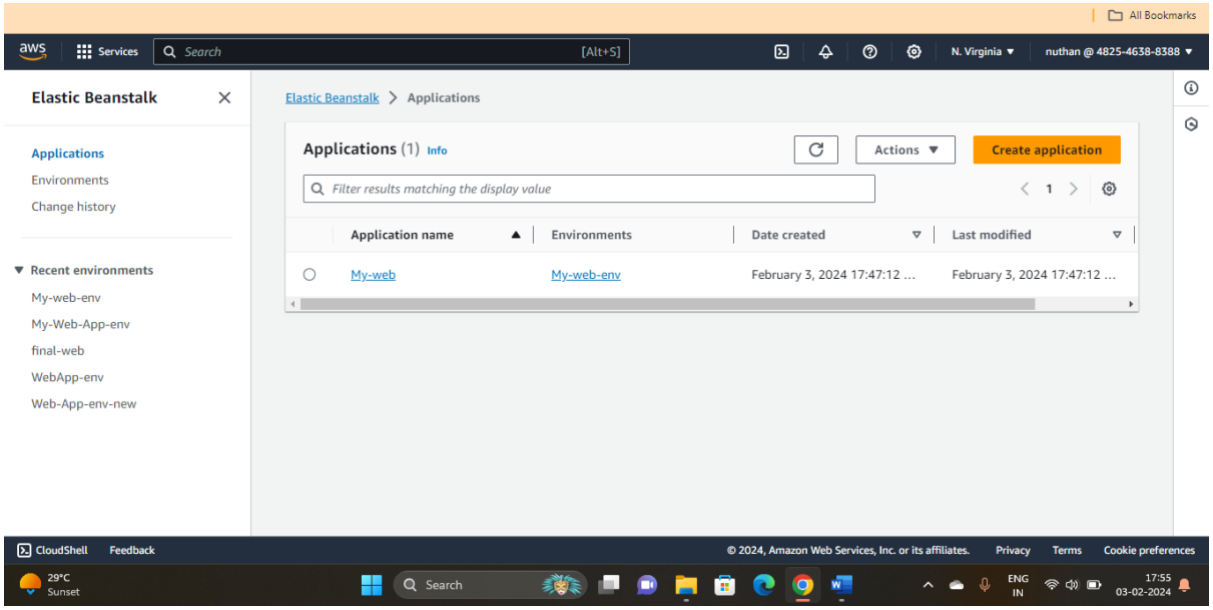
CICD pipeline using Code-commit and Code-pipeline and Elastic Bean Stalk

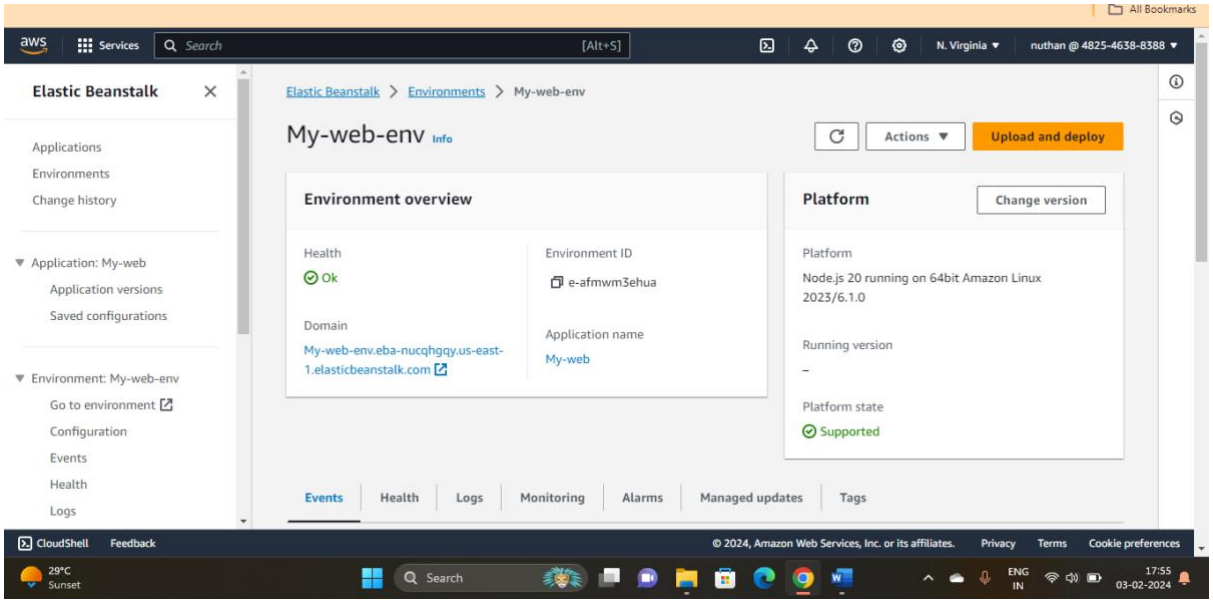
Step-1:

Open Elastic Bean Stalk and Create a Application

Create a Environment to host website. Here , I choose Node.js environment.

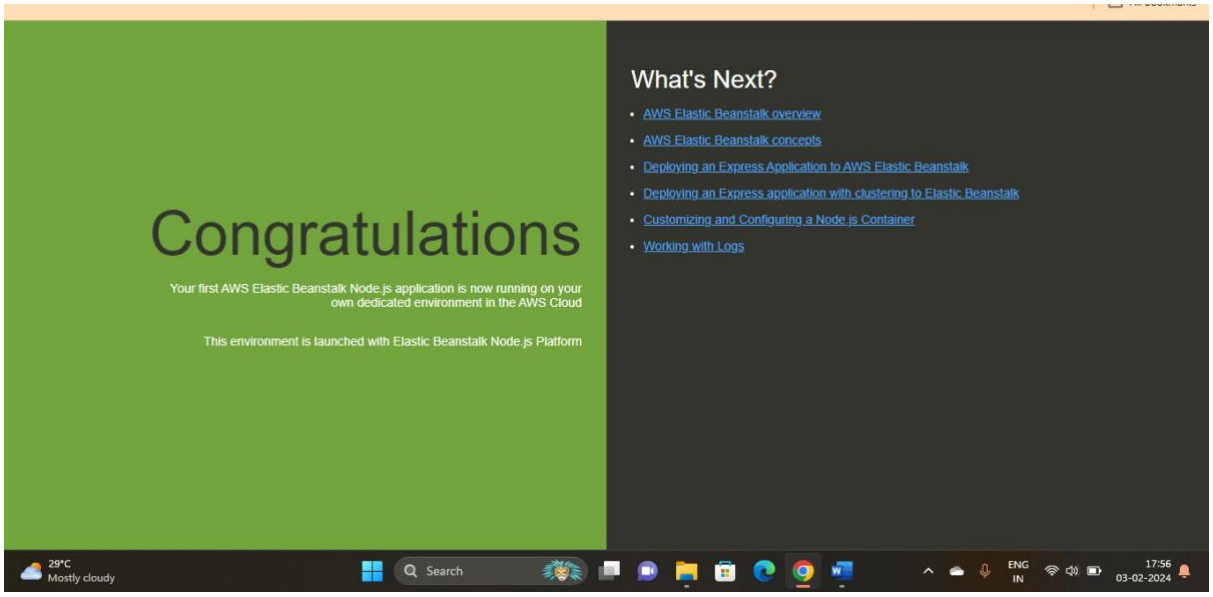


The above image showing creation of Application in Bean stalk



The above image showing environment created to host application in elastic bean stalk

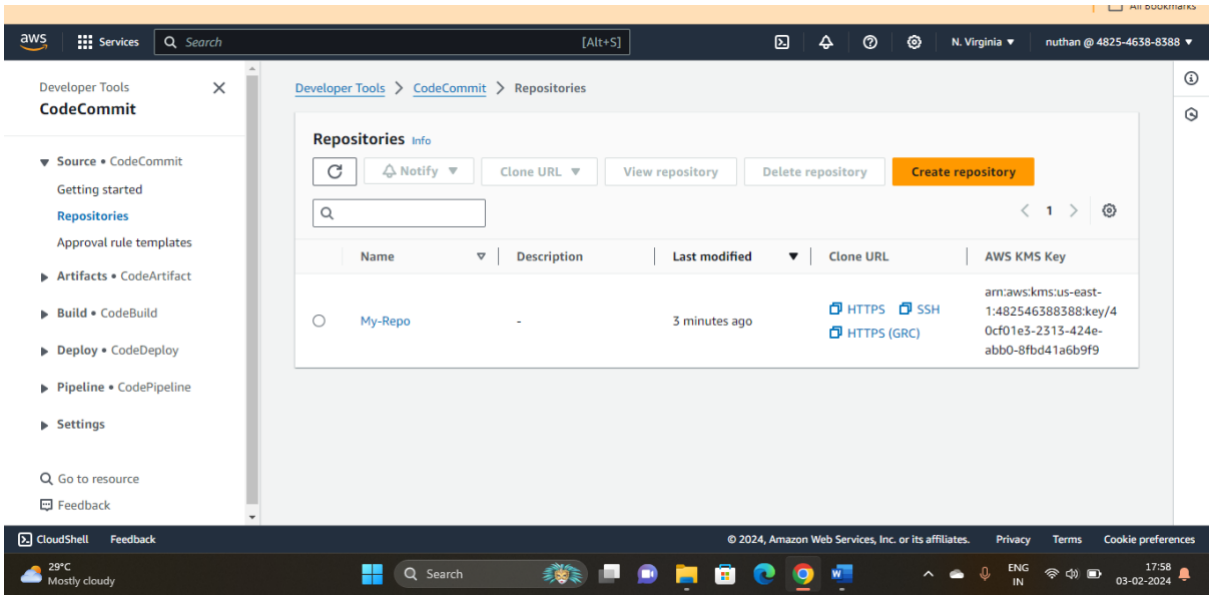
Before deploying pipelined application , sample node.js application is deployed into elastic bean stalk , below is the image for that.



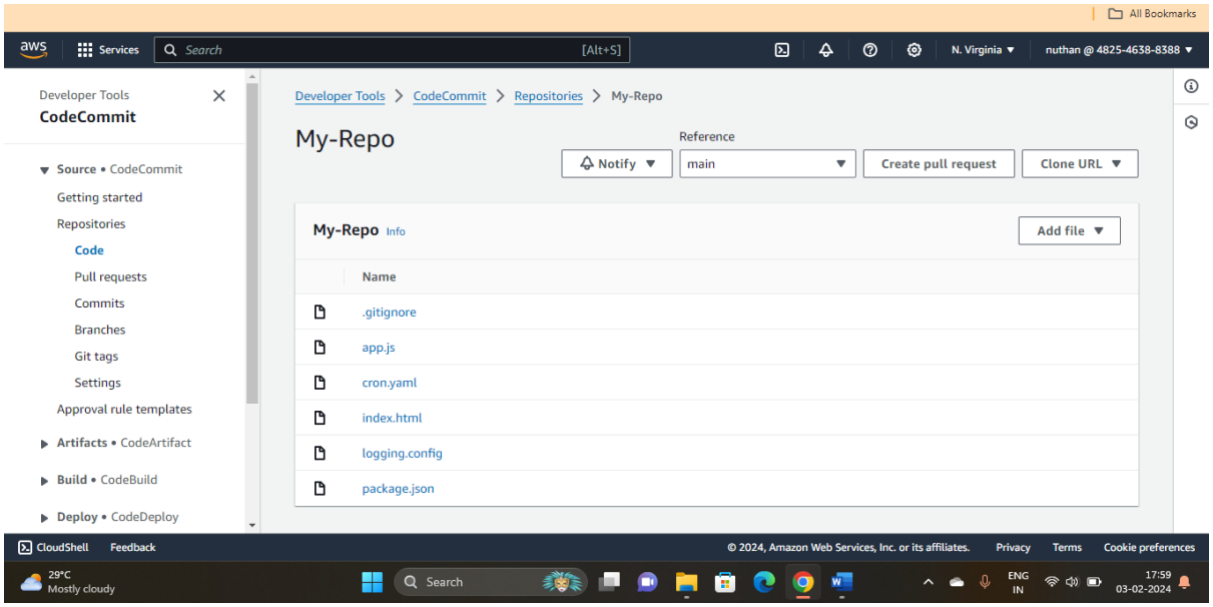
Step-2:

Open Code-commit and create a Repo

Add required files and dependencies into repo



The above image shows, Creation of repo in Code-Commit

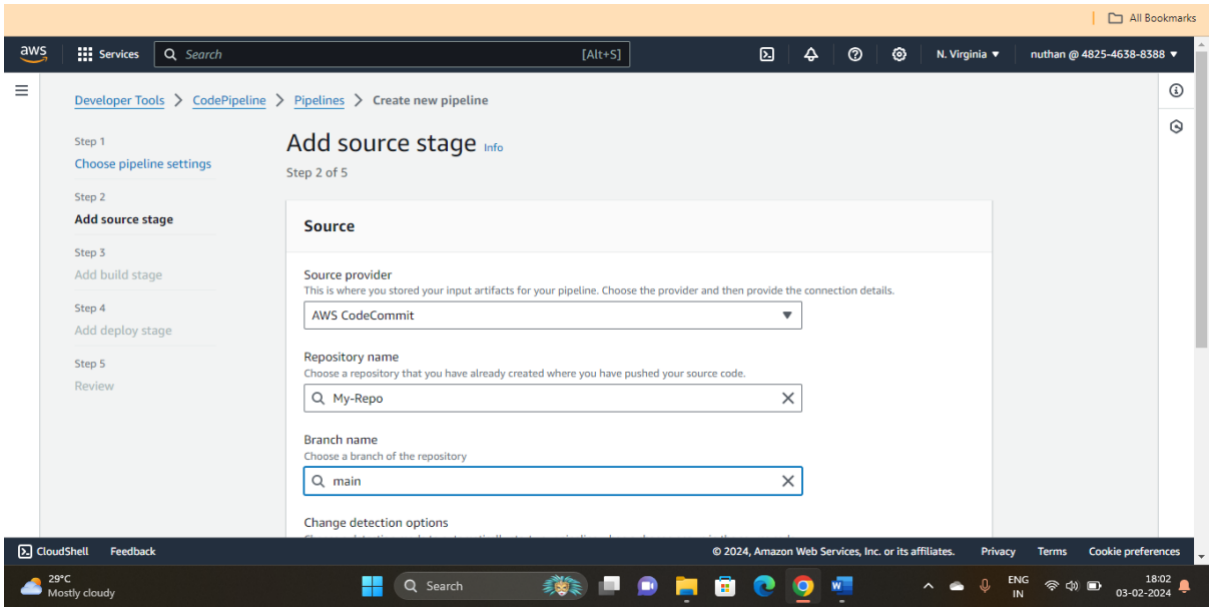


The above image shows adding files in repo

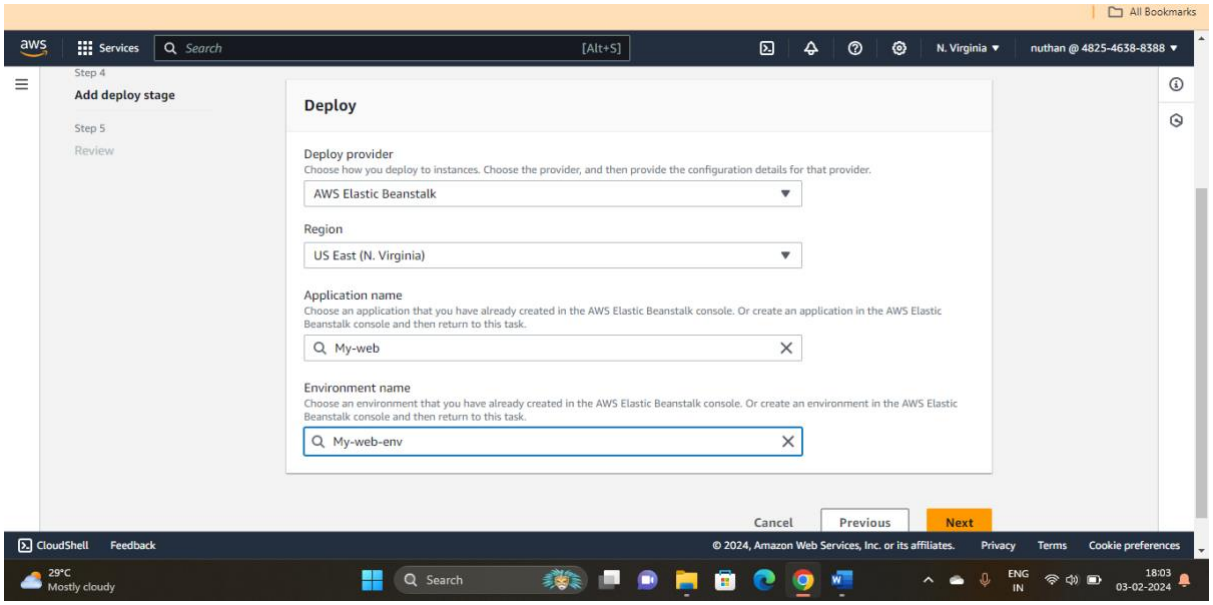
Step-3:

Open Code-pipeline and create a pipeline

In pipe line choose , source as code commit and deployment environment as Beanstalk.

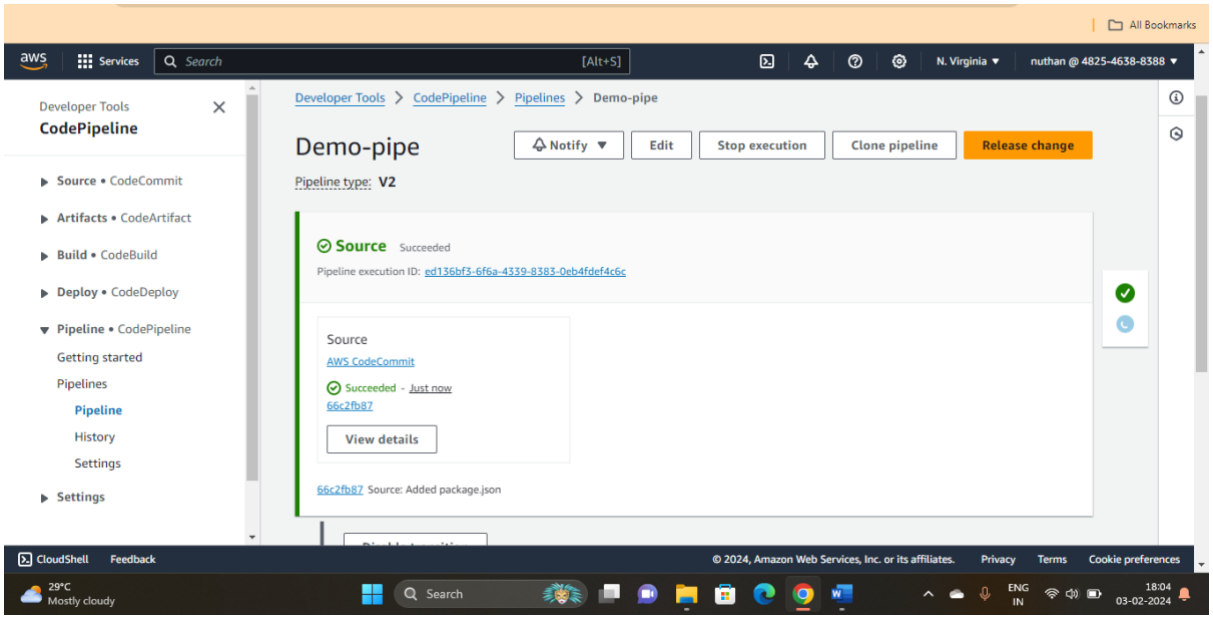


Adding source to CICD pipeline

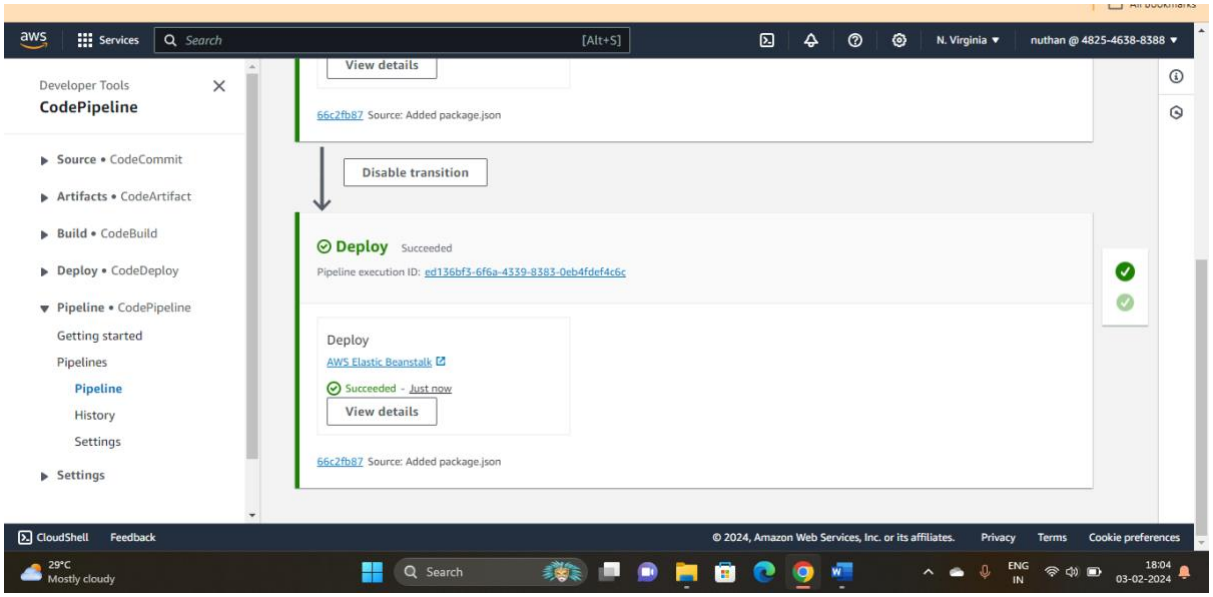


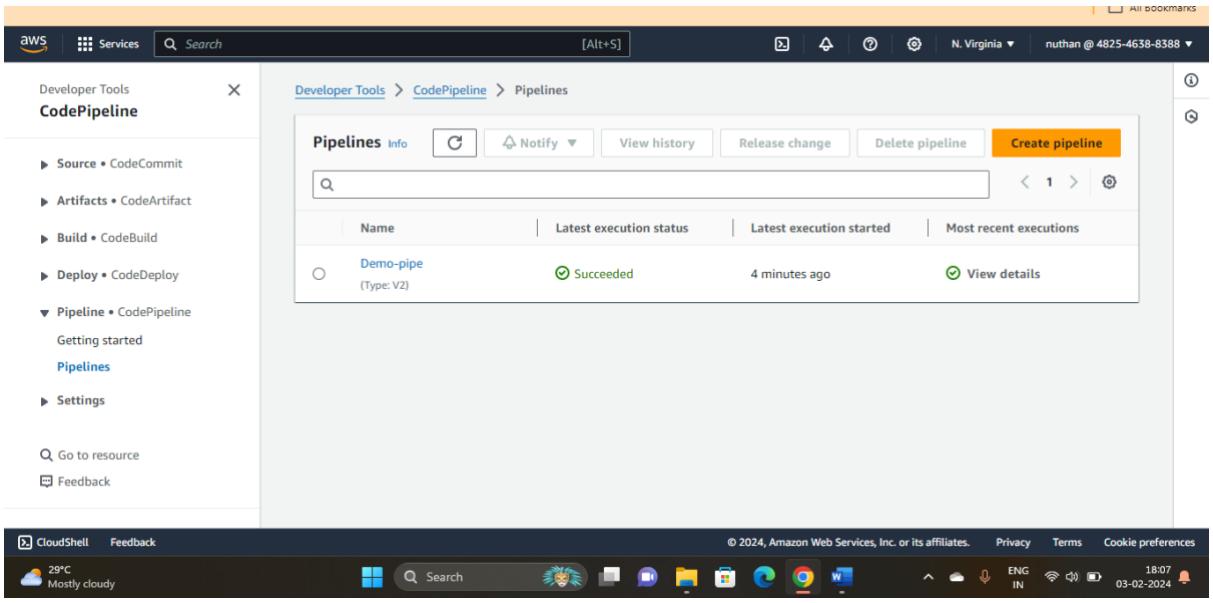
Adding Deployment environment as bean stalk to the pipeline

For this demo purpose I have skipped build state.

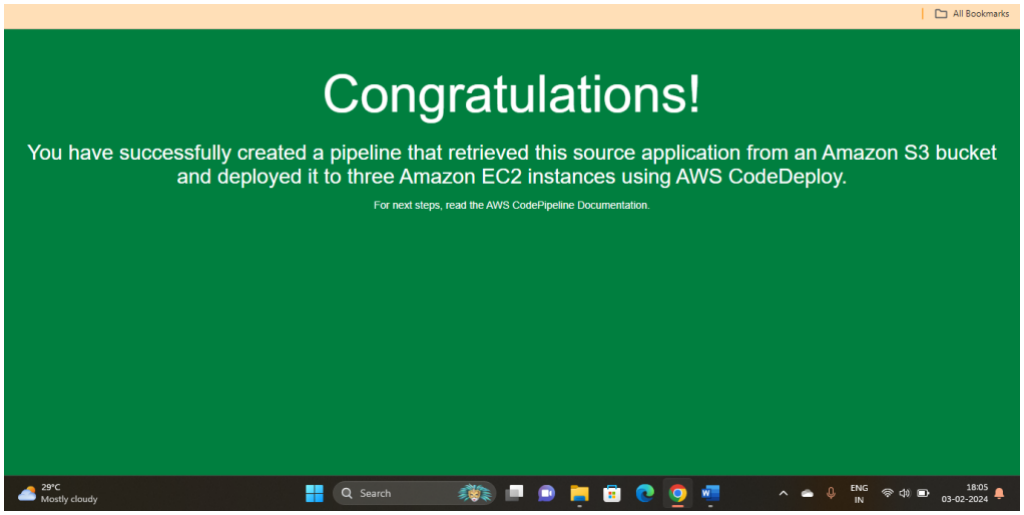


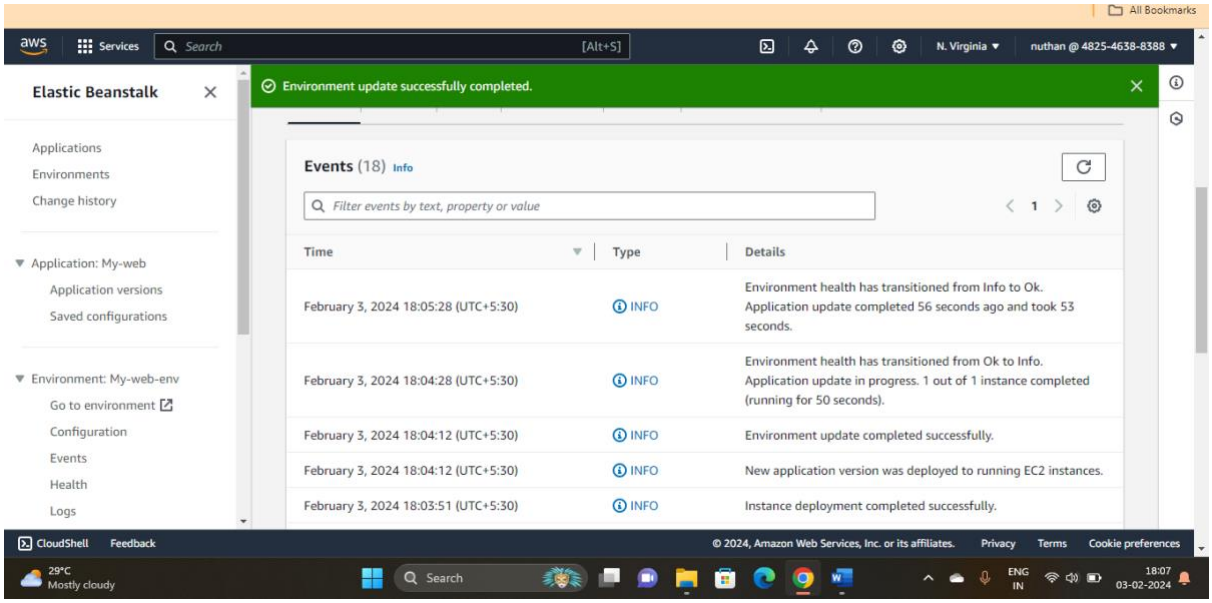
After successful creation of code pipeline , it shows like that





After successfully creating pipeline , the deployed environment is below.

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Elastic Beanstalk
Applications
Environments
Change history
Application: My-web
Application versions
Saved configurations
Environment: My-web-env
Go to environment
Configuration
Events
Health
Logs
Environment update successfully completed.
Events (18) Info
Filter events by text, property or value
1
Time
Type
Details
February 3, 2024 18:05:28 (UTC+5:30)
INFO
Environment health has transitioned from Info to Ok. Application update completed 56 seconds ago and took 53 seconds.
February 3, 2024 18:04:28 (UTC+5:30)
INFO
Environment health has transitioned from Ok to Info. Application update in progress. 1 out of 1 instance completed (running for 50 seconds).
February 3, 2024 18:04:12 (UTC+5:30)
INFO
Environment update completed successfully.
February 3, 2024 18:04:12 (UTC+5:30)
INFO
New application version was deployed to running EC2 instances.
February 3, 2024 18:03:51 (UTC+5:30)
INFO
Instance deployment completed successfully.
CloudShell
Feedback
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Terms
Cookie preferences
29°C
Mostly cloudy
Search
ENG
IN
18:07
03-02-2024