

1. git hub repo

<https://github.com/sarathakash/devops-guvi-capston-project.git>

deployed site url

<http://44.205.29.172/>

docker images name - ngin

```
ubuntu@ip-172-31-92-59:~$ sudo docker images
REPOSITORY              TAG                IMAGE ID           CREATED            SIZE
sarathakash95/prod      version-1          4017fc54fe94      7 minutes ago     101MB
nginx                    latest             4017fc54fe94      7 minutes ago     101MB
sarathakash95/prod      <none>             714d9b4dfc98      10 minutes ago    101MB
sarathakash95/prod      <none>             fc63ae14d692      26 minutes ago    101MB
<none>                  <none>             49b5c52eb9e1      34 minutes ago    101MB
sarathakash95/prod      latest             03bf9681cf7       2 days ago        190MB
nginx                    latest             dde0cca083bc      3 weeks ago       168MB
```

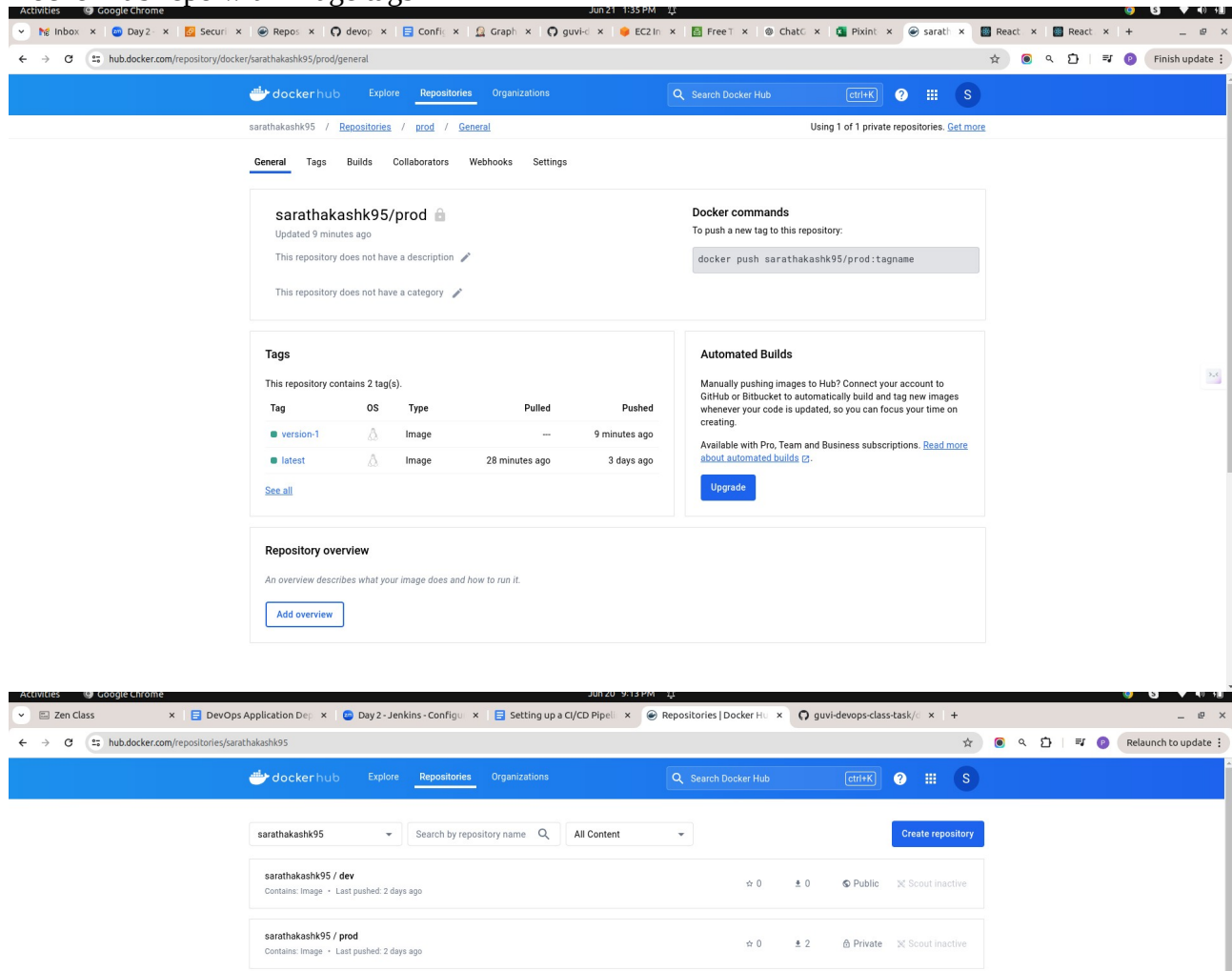
2. Aws ec2 console

The screenshot displays the AWS Management Console interface for EC2 instances. The top navigation bar shows the user is logged in as 'sarath kumar' in the 'N. Virginia' region. The left sidebar contains the 'Instances' menu, which is expanded to show 'Instances (1/2)'. The main content area shows a table of instances with columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4 DNS. Two instances are listed: 'ec2-project' (ID: i-00780135082976a41) and 'EC2-monitoring' (ID: i-09d7601660eccb856). Both are in a 'Running' state. Below the table, the details for instance 'i-00780135082976a41 (ec2-project)' are shown, including its public IP address (34.205.31.200), private IP address (172.31.92.59), and various configuration details like VPC, subnet, and IAM role.

SG configuration

The screenshot displays the AWS Management Console interface for Security Groups. The left sidebar contains the 'Network & Security' menu, which is expanded to show 'Security Groups'. The main content area shows the 'Inbound rules (5)' table, which lists five rules. The rules are: 'sgr-0662bfff8be17c46fb' (Custom TCP, Port 8080), 'sgr-08beb3f66abc98310' (Custom TCP, Port 3000), 'sgr-08d9d6d8d6526b...' (HTTP, Port 80), 'sgr-081ae88e4ddb918...' (HTTPS, Port 443), and 'sgr-0679fc3aabb59b21b' (SSH, Port 22).

Docker hub repo with image tags



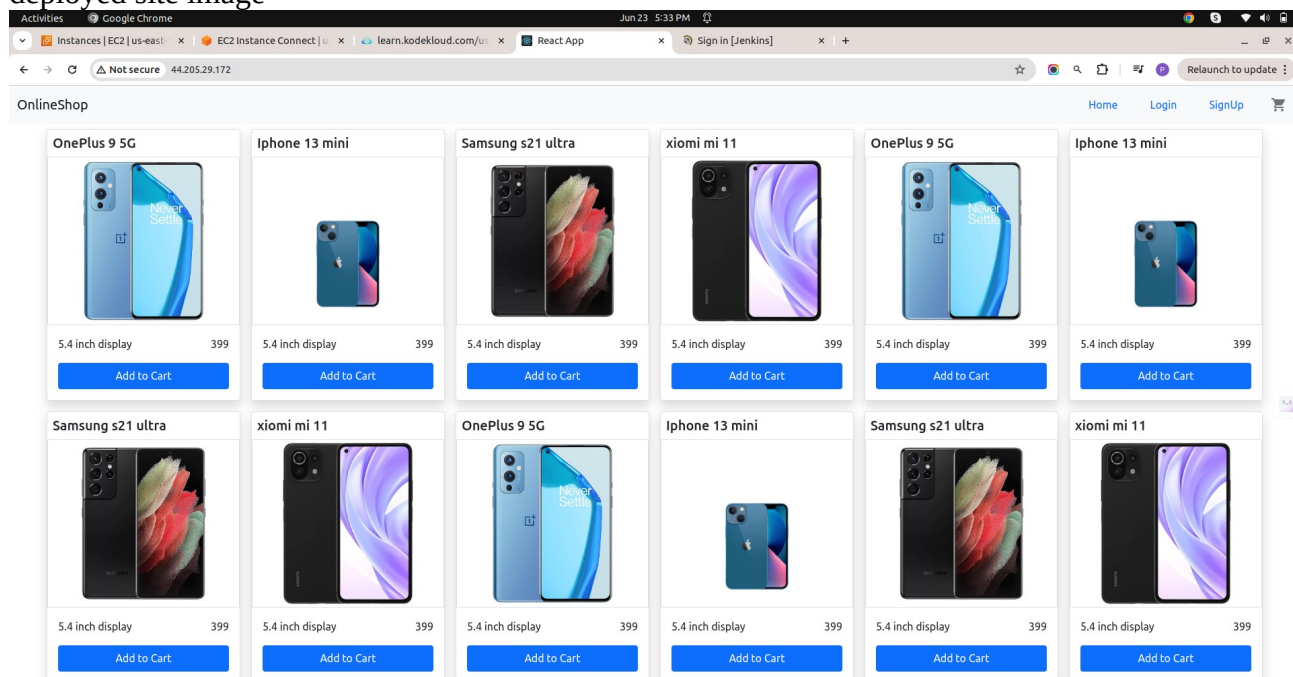
The screenshot shows the Docker Hub repository page for `sarathakashk95/prod`. The page is divided into several sections:

- General:** Shows the repository name `sarathakashk95/prod`, updated 9 minutes ago. It notes that the repository does not have a description or category.
- Docker commands:** Provides a command to push a new tag: `docker push sarathakashk95/prod:tagname`.
- Tags:** Lists two tags: `version-1` (pushed 9 minutes ago) and `latest` (pushed 3 days ago). Both are of type `Image`.
- Automated Builds:** A section explaining how to connect GitHub or Bitbucket for automated builds, with an `Upgrade` button.
- Repository overview:** A section for adding an overview description, with an `Add overview` button.

Below the repository details, there is a list of repositories for `sarathakashk95`:

- `sarathakashk95 / dev`: Contains Image, Last pushed: 2 days ago.
- `sarathakashk95 / prod`: Contains Image, Last pushed: 2 days ago.

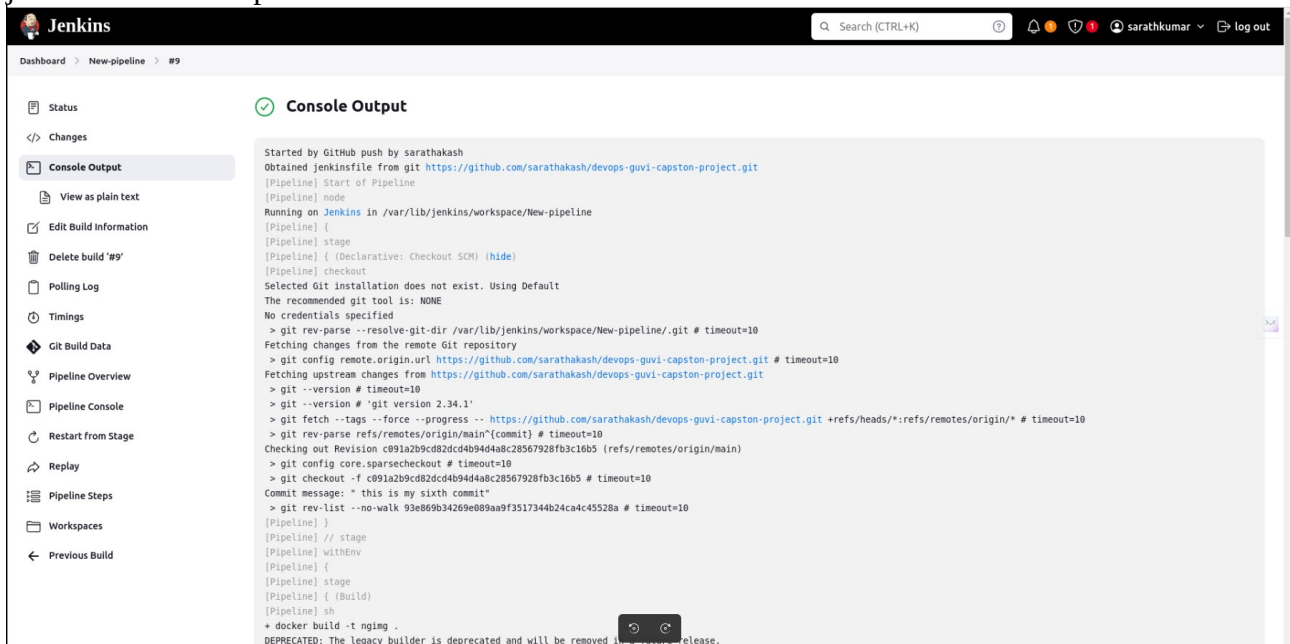
deployed site image



The screenshot shows the `OnlineShop` website. The page displays a grid of smartphones for sale, each with a product image, specifications, price, and an `Add to Cart` button.

Product	Specifications	Price	Action
OnePlus 9 5G	5.4 inch display	399	<code>Add to Cart</code>
Iphone 13 mini	5.4 inch display	399	<code>Add to Cart</code>
Samsung s21 ultra	5.4 inch display	399	<code>Add to Cart</code>
xiami mi 11	5.4 inch display	399	<code>Add to Cart</code>
OnePlus 9 5G	5.4 inch display	399	<code>Add to Cart</code>
Iphone 13 mini	5.4 inch display	399	<code>Add to Cart</code>
Samsung s21 ultra	5.4 inch display	399	<code>Add to Cart</code>
xiami mi 11	5.4 inch display	399	<code>Add to Cart</code>
Samsung s21 ultra	5.4 inch display	399	<code>Add to Cart</code>
Iphone 13 mini	5.4 inch display	399	<code>Add to Cart</code>
Samsung s21 ultra	5.4 inch display	399	<code>Add to Cart</code>
xiami mi 11	5.4 inch display	399	<code>Add to Cart</code>

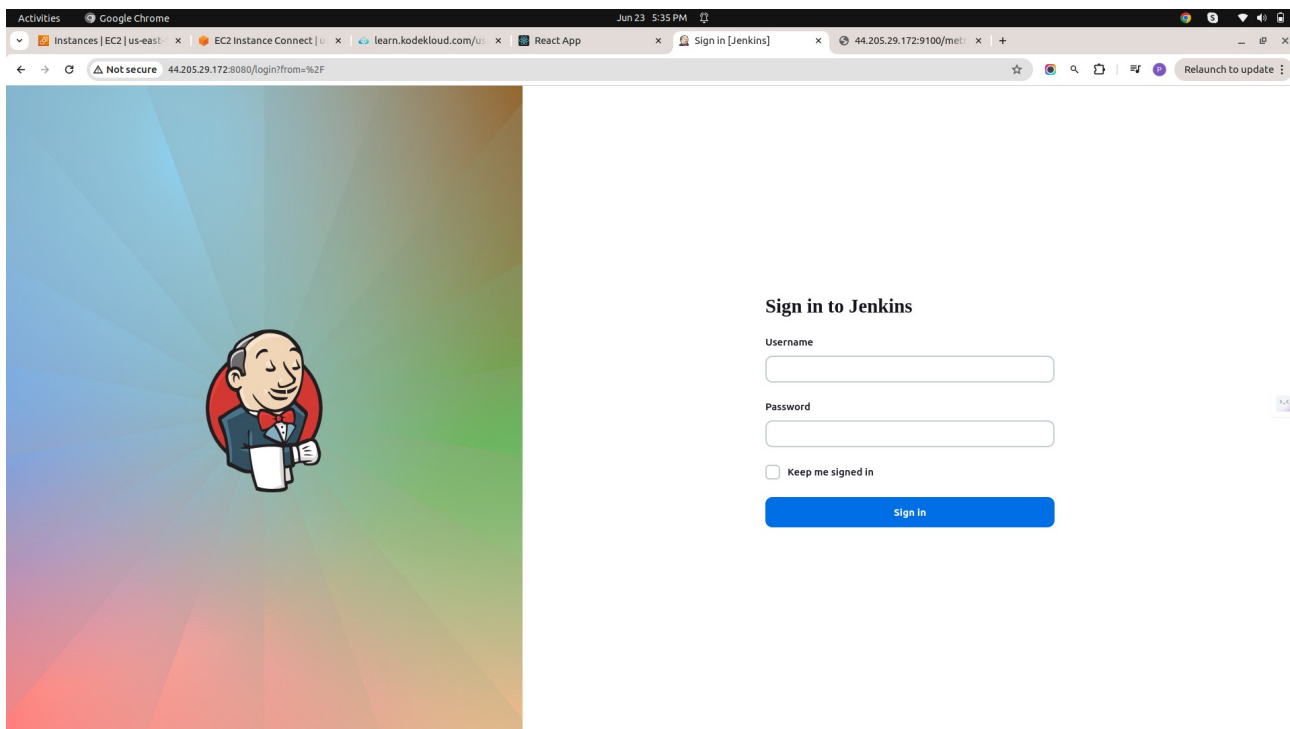
jenkins console output



The screenshot shows the Jenkins web interface. The left sidebar contains navigation links: Status, Changes, Console Output (selected), View as plain text, Edit Build Information, Delete build '#9', Polling Log, Timings, Git Build Data, Pipeline Overview, Pipeline Console, Restart from Stage, Replay, Pipeline Steps, Workspaces, and Previous Build. The main area displays the 'Console Output' for a build triggered by a GitHub push. The output text is as follows:


```
Started by GitHub push by sarathakash
Obtained jenkinsfile from git https://github.com/sarathakash/devops-guvi-capston-project.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/New-pipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM) (hide)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/New-pipeline/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/sarathakash/devops-guvi-capston-project.git # timeout=10
Fetching upstream changes from https://github.com/sarathakash/devops-guvi-capston-project.git
> git --version # timeout=10
> git --version # 'git version 2.34.1'
> git fetch --tags --force --progress -- https://github.com/sarathakash/devops-guvi-capston-project.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision c091a2b9cd82cd4b94d4a8c28567928fb3c16b5 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f c091a2b9cd82cd4b94d4a8c28567928fb3c16b5 # timeout=10
Commit message: " this is my sixth commit"
> git rev-list --no-walk 93e869034269e089a9f3517344b24ca4c45528a # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
+ docker build -t nginx .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
```

jenkins login page








The screenshot shows the Jenkins login page in a web browser. The browser's address bar shows the URL '44.205.29.172:8080/login?from=%2F'. The page features a large, colorful background image of the Jenkins mascot, a cartoon man in a suit and bow tie, holding a document. To the right of the mascot, the text 'Sign in to Jenkins' is displayed. Below this text, there are two input fields for 'Username' and 'Password'. A checkbox labeled 'Keep me signed in' is located below the password field. At the bottom right, there is a blue button labeled 'Sign in'.

jenkins pipeline output


 **Jenkins**


Search (CTRL+K)


    sarathkumar  log out


Dashboard >


+ New Item

 Build History

 Project Relationship

 Check File Fingerprint

 Manage Jenkins

 My Views

Build Queue



No builds in the queue.

Build Executor Status

1 Idle

2 Idle


All +

S	W	Name	Last Success	Last Failure	Last Duration
		New-pipeline	6 min 2 sec #9	8 min 52 sec #8	12 sec






Icon: S M L

REST API


Jenkins 2.452.2


 **Jenkins**


Search (CTRL+K)


    sarathkumar  log out

Dashboard > New-pipeline > #9 > Pipeline Overview


 < Build #9

 Rebuild


 Console


 Configure


Pipeline



Details

 Started 6 min 22 sec ago

 Queued 7.4 sec

 Took 12 sec





REST API

Jenkins 2.452.2

Jenkins configuration

Jenkins

Search (CTRL+K)

 sarathkumar  log out

Dashboard > New-pipeline > Configuration

Configure


General

Advanced Project Options

Pipeline


General

Description

Enabled 

Description


Plain text: [Preview](#)

☐ Discard old builds 


☐ Do not allow concurrent builds


☐ Do not allow the pipeline to resume if the controller restarts


☒ GitHub project


Project uri 


https://github.com/sarathakash/devops-guvi-capston-project-git/

Advanced 

☐ Pipeline speed/durability override 



☐ Preserve stashes from completed builds 

☐ This project is parameterized 

☐ Throttle builds 

Save

Apply



Dashboard > New-pipeline > Configuration

Configure

General

Advanced Project Options

Pipeline


General


Build Triggers


Advanced Project Options


Pipeline


Build Triggers

☐ Preserve stashes from completed builds 


☐ This project is parameterized 


☐ Throttle builds 


☐ Build after other projects are built 


☐ Build periodically 


☐ GitHub Branches

☐ GitHub Pull Requests 


☒ GitHub hook trigger for GITScm polling 

☐ Poll SCM 

☐ Quiet period 

☐ Trigger builds remotely (e.g., from scripts) 

Advanced Project Options

Advanced 



Pipeline

Definition

Pipeline script from SCM

Save

Apply



Dashboard > New-pipeline > Configuration

Configure

General

Advanced Project Options

Pipeline

pipeline

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/sarathakash/devops-guvi-capston-project.git

Credentials ?

none

+ Add

Advanced

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Add Branch

Dashboard > New-pipeline > Configuration

Configure

General

Advanced Project Options

Pipeline

Advanced

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Add Branch

Repository browser ?

(Auto)

Additional Behaviours

Add

Script Path ?

jenkinsfile

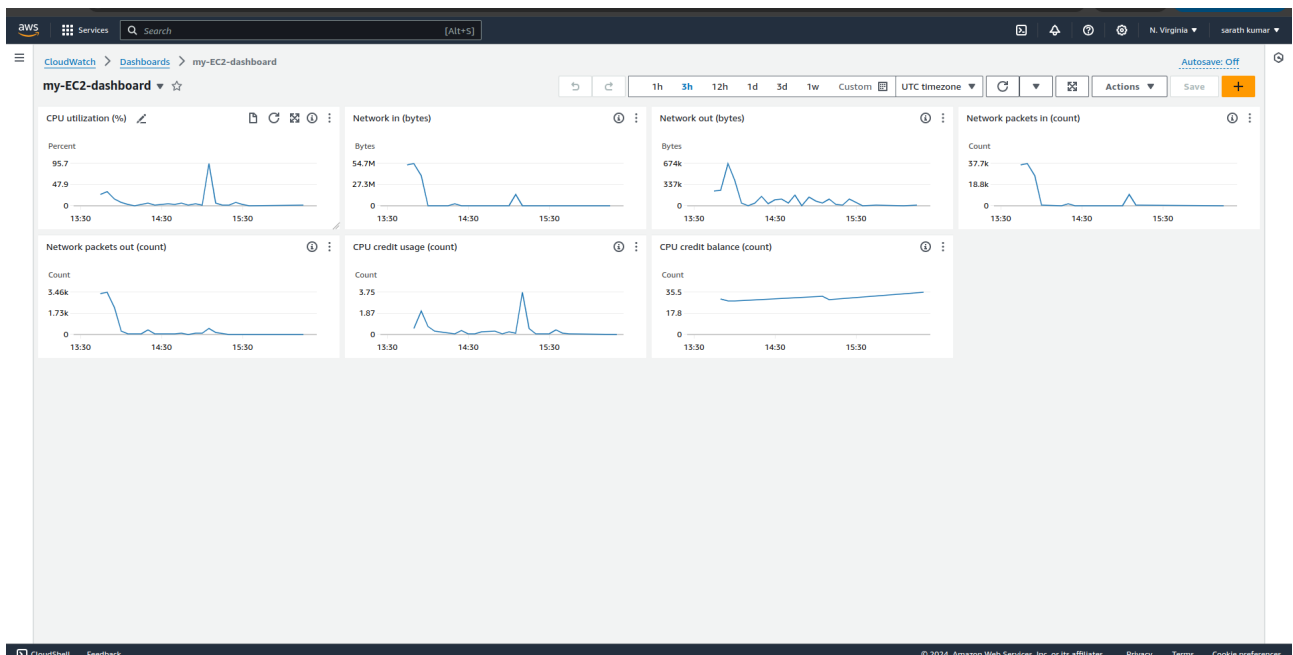
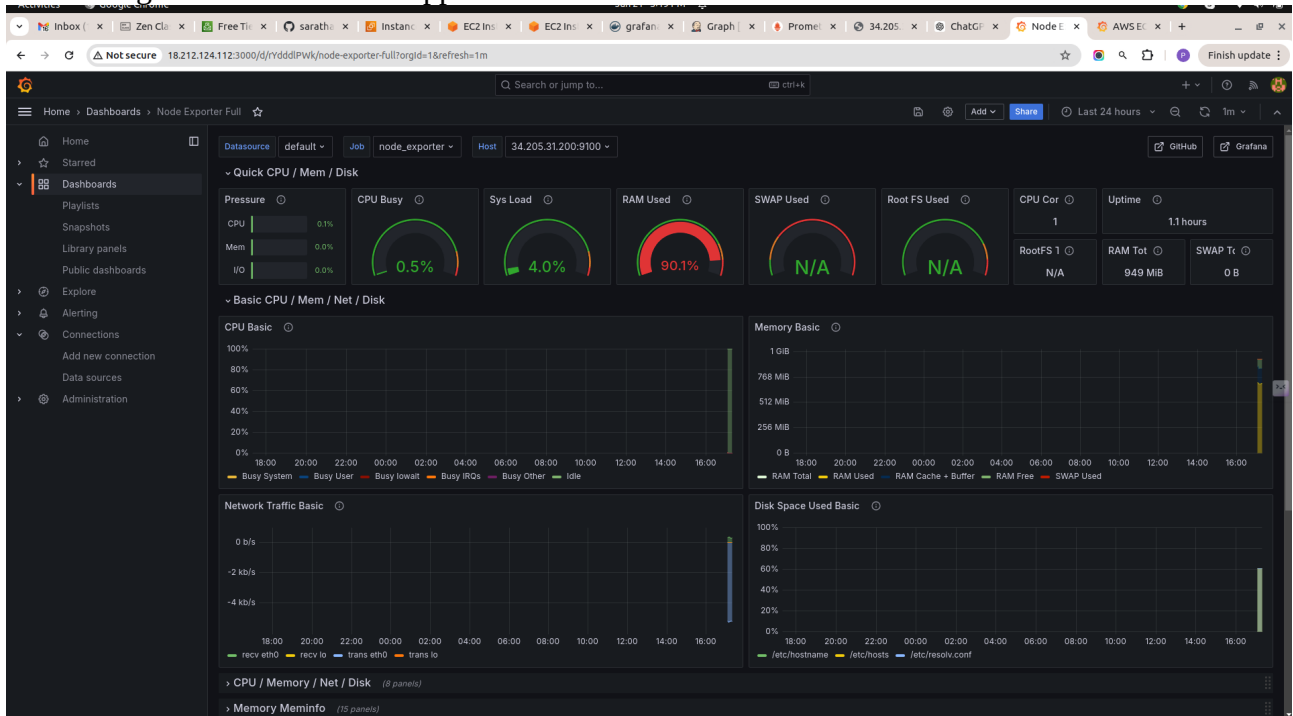
☒ Lightweight checkout ?

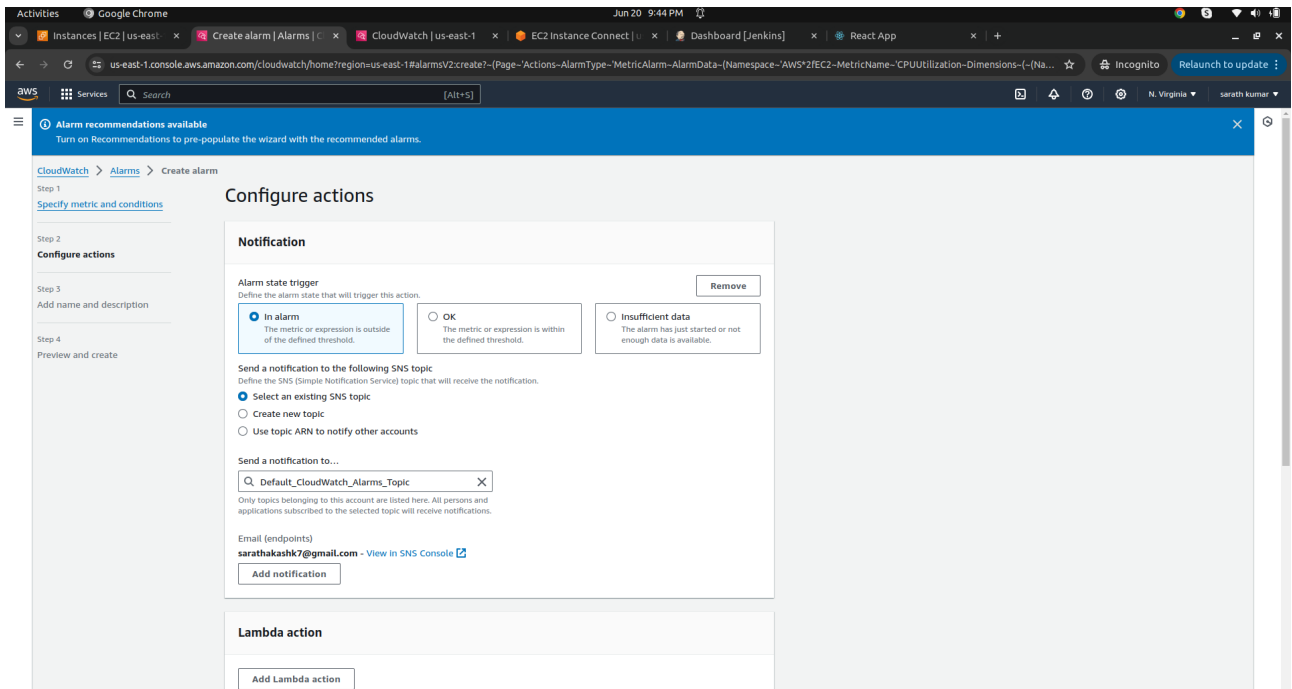
Pipeline Syntax

Save

Apply

Monitoring health status of the application





Email-notification-alarm

