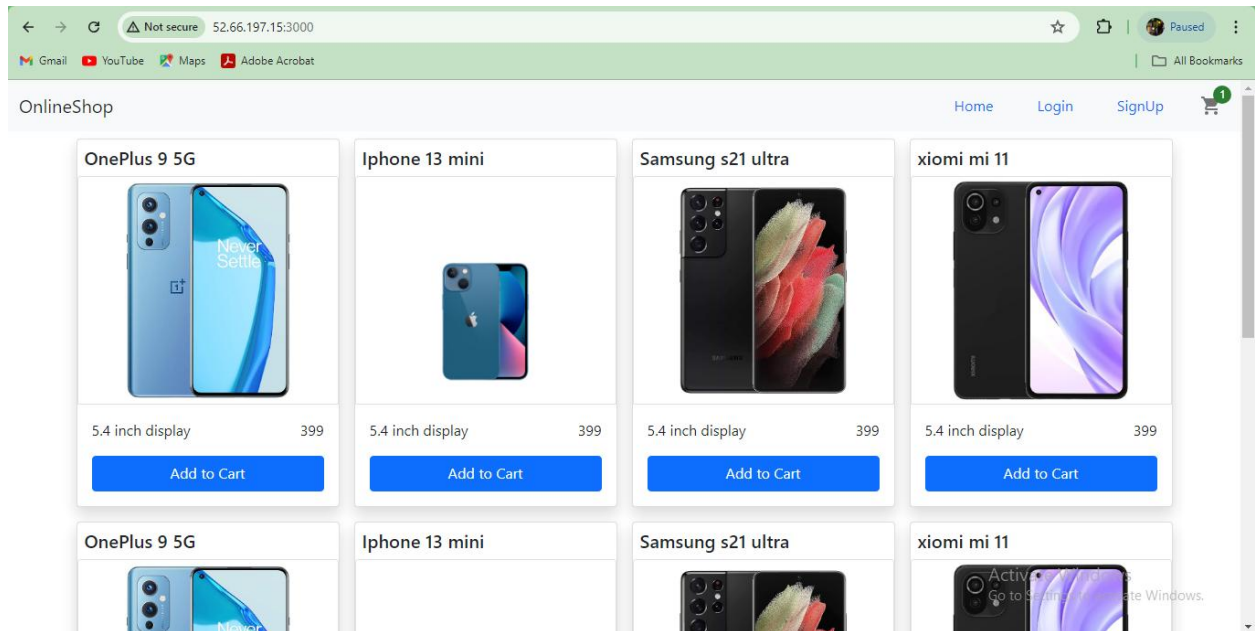


Github repo URL:

<https://github.com/sankaranarayanansubbiah/Repoforcapstoneproject.git>

Deployed site URL:

<http://52.66.197.15:3000/>



Docker images name:

The screenshot shows an AWS CloudShell terminal window with the following content:

```
ubuntu@ip-172-31-36-248:~$ ls
Repoforcapstoneproject devops-build prometheus
ubuntu@ip-172-31-36-248:~$ docker images
REPOSITORY              TAG         IMAGE ID      CREATED       SIZE
sankaranarayanansubbiah/prod   latest     61948c8c5bce  4 hours ago  191MB
guvi                         latest     61948c8c5bce  4 hours ago  191MB
sankaranarayanansubbiah/dev   latest     e135f63d17d8  4 hours ago  191MB
sankaranarayanansubbiah/prod   <none>     33619a338256  5 hours ago  191MB
sankaranarayanansubbiah/dev   <none>     c4e8fe0f951d  5 hours ago  191MB
sankaranarayanansubbiah/prod   <none>     8602612734ee  17 hours ago 191MB
<none>                       <none>     cbffca79314c  17 hours ago 191MB
<none>                       <none>     ce8c5663052f  18 hours ago 191MB
<none>                       <none>     2d37b8518bad  18 hours ago 191MB
nginx                         latest     e0c9858e10ed  6 days ago   188MB
ubuntu@ip-172-31-36-248:~$ docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED    STATUS    PORTS                               NAMES
37fe50dc5bcd   guvi       "/docker-entrypoint..." 4 hours ago Up 4 hours 0.0.0.0:3000->80/tcp, :::3000->80/tcp capstoneprojec
t_guvicontainer_1
ubuntu@ip-172-31-36-248:~$
```

Below the terminal output, a summary box for instance `i-0849898d7ccbd2c75 (machineforproject)` is visible, showing Public IP: 52.66.197.15 and Private IP: 172.31.36.248.

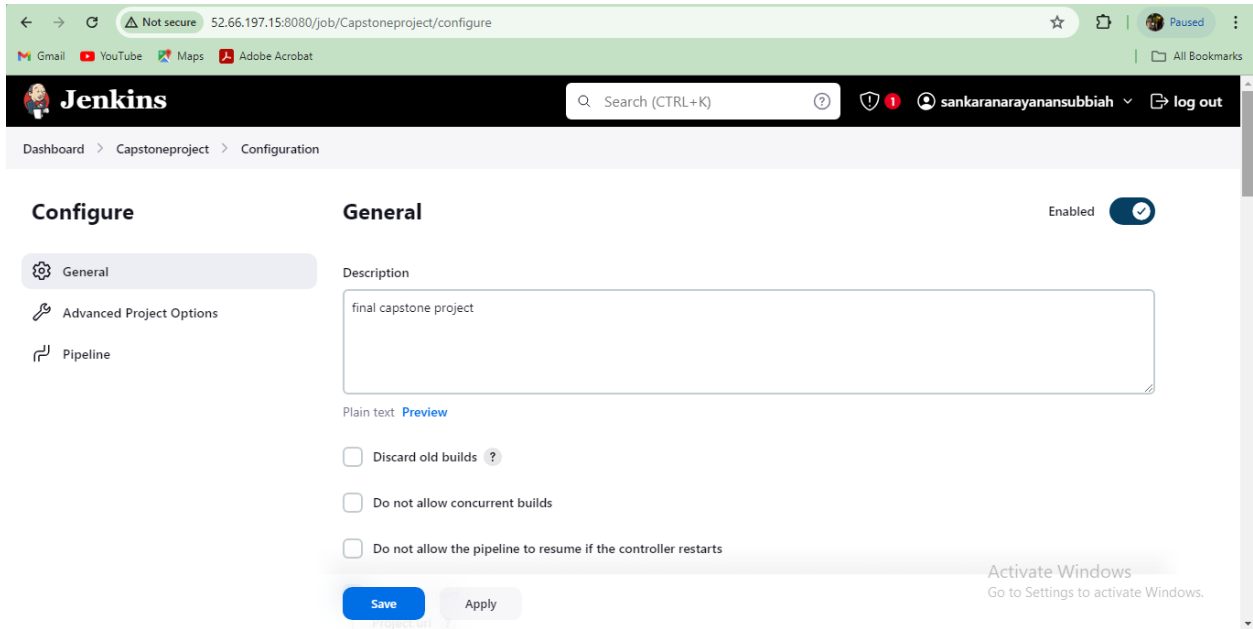
Jenkins login page:

The screenshot shows the Jenkins login page in a web browser. On the left is the Jenkins logo (a cartoon man in a tuxedo). On the right is the login form with the following fields and elements:

- Username:** A text input field.
- Password:** A password input field.
- ☐ **Keep me signed in**
- Sign in** button

At the bottom right, there is an "Activate Windows" watermark.

Configuration settings:



This screenshot shows the Jenkins Configuration page for the 'Capstoneproject' job, specifically the 'General' tab. The page is titled 'Configure' and has a sidebar with options: General (selected), Advanced Project Options, and Pipeline. The 'General' tab is enabled, as indicated by a toggle switch. The 'Description' field contains the text 'final capstone project'. Below this, there are three checkboxes: 'Discard old builds', 'Do not allow concurrent builds', and 'Do not allow the pipeline to resume if the controller restarts'. At the bottom, there are 'Save' and 'Apply' buttons. A watermark 'Activate Windows' is visible in the bottom right corner.

Dashboard > Capstoneproject > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

General

Enabled

Description

final capstone project

Plain text [Preview](#)

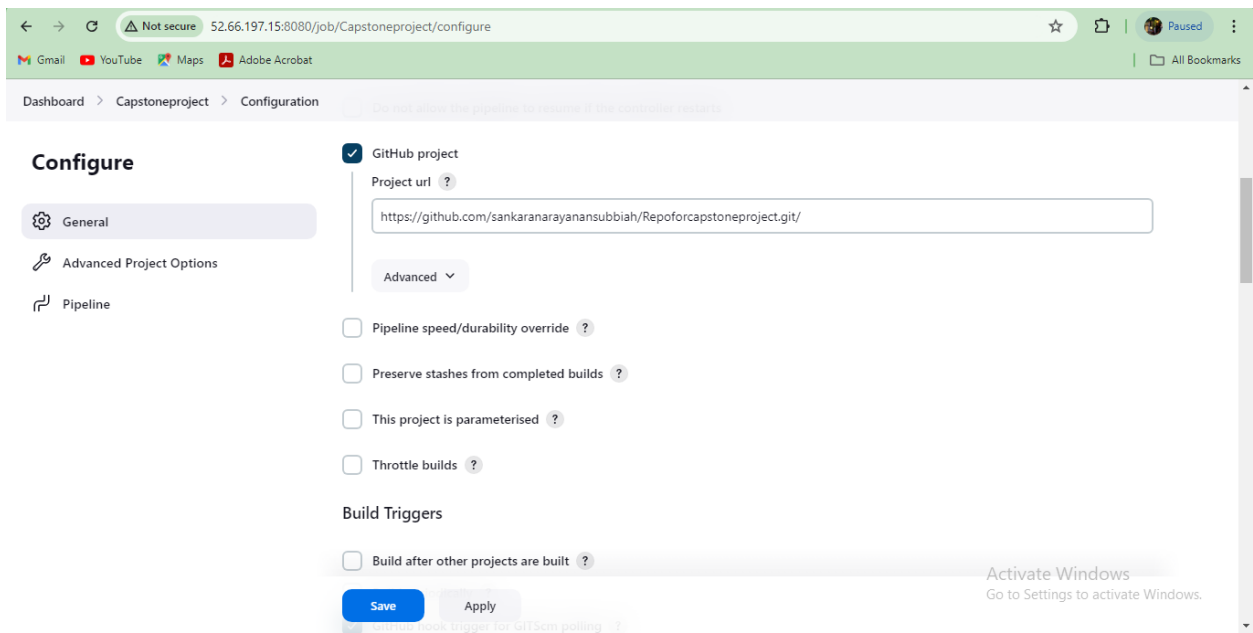
☐ Discard old builds

☐ Do not allow concurrent builds

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

[Save](#) [Apply](#)

Activate Windows
Go to Settings to activate Windows.



This screenshot shows the Jenkins Configuration page for the 'Capstoneproject' job, specifically the 'GitHub project' tab. The page is titled 'Configure' and has a sidebar with options: General, Advanced Project Options, and Pipeline. The 'GitHub project' tab is selected and enabled, as indicated by a toggle switch. The 'Project url' field contains the text 'https://github.com/sankaranarayanansubbiah/Repoforcapstoneproject.git/'. Below this, there is an 'Advanced' dropdown menu. At the bottom, there are 'Save' and 'Apply' buttons. A watermark 'Activate Windows' is visible in the bottom right corner.

Dashboard > Capstoneproject > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

GitHub project

☒ GitHub project

Project url

https://github.com/sankaranarayanansubbiah/Repoforcapstoneproject.git/

Advanced

☐ Pipeline speed/durability override

☐ Preserve stashes from completed builds

☐ This project is parameterised

☐ Throttle builds

Build Triggers

☐ Build after other projects are built

[Save](#) [Apply](#)

Activate Windows
Go to Settings to activate Windows.

← → ↻ Not secure 52.66.197.15:8080/job/Capstoneproject/configure ☆ | 🗂️ | 🛑 Paused | ⋮

📧 Gmail 📺 YouTube 🗺️ Maps 📄 Adobe Acrobat | 📁 All Bookmarks

Dashboard > Capstoneproject > Configuration

Configure

- ⚙️ General
- 🔧 Advanced Project Options
- 🔗 Pipeline

Build Triggers

- ☐ Build after other projects are built ?
- ☐ Build periodically ?
- ☒ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?
- ☐ Quiet period ?
- ☐ Trigger builds remotely (e.g., from scripts) ?

Advanced Project Options

Advanced ▾

[Save](#) [Apply](#)

Activate Windows
Go to Settings to activate Windows.

← → ↻ Not secure 52.66.197.15:8080/job/Capstoneproject/configure ☆ | 🗂️ | 🛑 Paused | ⋮

📧 Gmail 📺 YouTube 🗺️ Maps 📄 Adobe Acrobat | 📁 All Bookmarks

Dashboard > Capstoneproject > Configuration

Configure

- ⚙️ General
- 🔧 Advanced Project Options
- 🔗 Pipeline

Pipeline

Definition

Pipeline script from SCM ▾

SCM ?

Git ▾ ?

Repositories ?

Repository URL ?

https://github.com/sankaranarayanansubbiah/Repoforcapstoneproject.git

Credentials ?

- none - ▾

+ Add ▾

[Save](#) [Apply](#)

Activate Windows
Go to Settings to activate Windows.

←

→

↺

Not secure

52.66.197.15:8080/job/Capstoneproject/configure

☆

🔖

Paused

⋮

Gmail

YouTube

Maps

Adobe Acrobat

All Bookmarks

Dashboard > Capstoneproject > Configuration

Configure

⚙️ General

🔑 Advanced Project Options

🔧 Pipeline

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Branch Specifier (blank for 'any') ?

*/dev

Add Branch

Repository browser ?

(Auto)

Additional Behaviours

Save

Apply

Activate Windows
Go to Settings to activate Windows.

←

→

↺

Not secure

52.66.197.15:8080/job/Capstoneproject/configure

☆

🔖

Paused

⋮

Gmail

YouTube

Maps

Adobe Acrobat

All Bookmarks

Dashboard > Capstoneproject > Configuration

Configure

⚙️ General

🔑 Advanced Project Options

🔧 Pipeline

Add Branch

Repository browser ?

(Auto)

Additional Behaviours

Add

Script Path ?

Jenkinsfile

☒ Lightweight checkout ?

Pipeline Syntax

Save

Apply

Activate Windows
Go to Settings to activate Windows.

AWS EC2-Console:

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page is active, displaying a list of EC2 instances. The filter 'Instance state = running' is applied. Two instances are listed: 'monitor EC2' and 'machineforproject', both in a 'Running' state with 't2.micro' instance types. The status checks for both are '2/2 checks passed'. The bottom of the console shows a 'Select an instance' prompt and a Windows activation watermark.

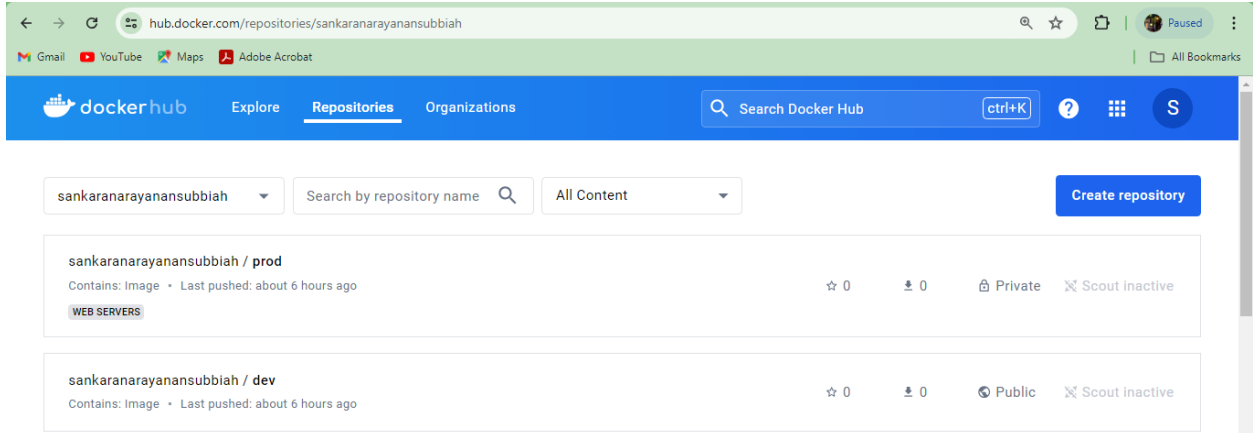
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
monitor EC2	i-01a373f239f9dbe96	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1b
machineforproject	i-0849898d7ccbd2c75	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a

Security Group configuration:

The screenshot shows the 'Inbound rules' configuration page for a security group in the 'ap-south-1' region. The page lists five inbound rules with their respective IDs, types, protocols, port ranges, and sources. Each rule has a 'Delete' button. The bottom of the console shows a Windows activation watermark.

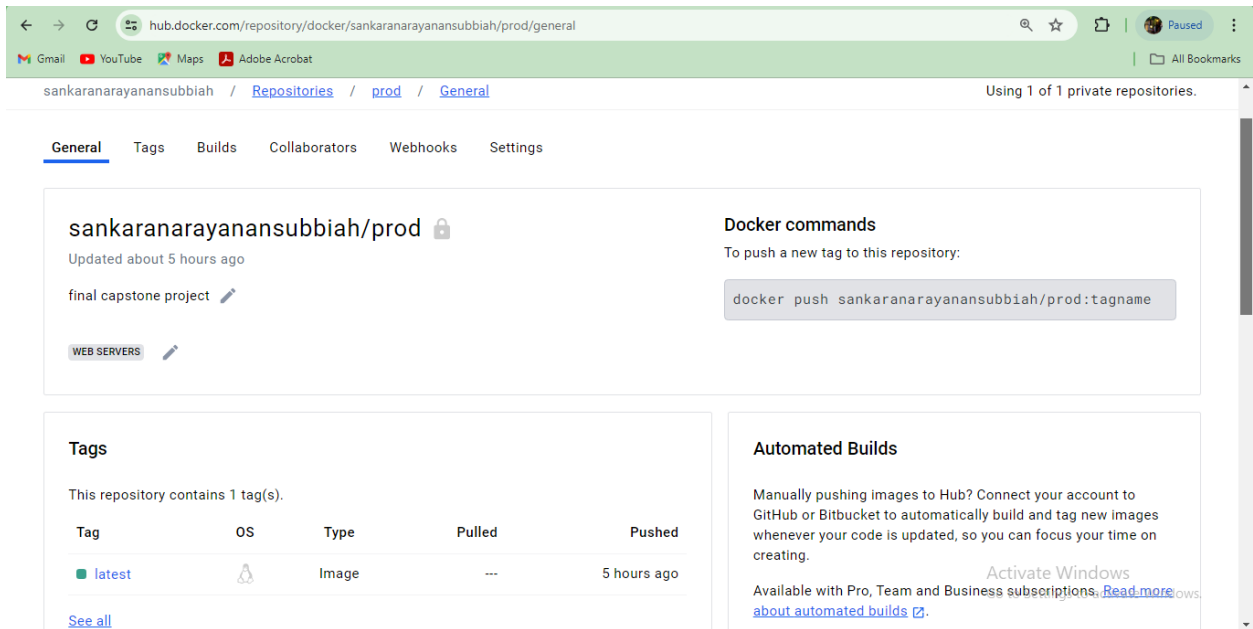
Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-07e592358f0b6e189	HTTP	TCP	80	Cust...	
sgr-0e9d6989a7fc2b394	SSH	TCP	22	My IP	
sgr-0cbc575404b718944	Custom TCP	TCP	8080	Cust...	
sgr-00306cb055a55e6ff	Custom TCP	TCP	9100	Cust...	
sgr-0dcea3fc809bc5f8b	Custom TCP	TCP	3000	Cust...	

Docker hub Repos (prod – private & dev – public):






The screenshot shows the Docker Hub interface for the user 'sankaranarayanansubbiah'. The top navigation bar includes 'Explore', 'Repositories' (selected), and 'Organizations'. A search bar is present with the text 'Search Docker Hub'. Below the navigation bar, there's a filter section with a dropdown menu showing 'sankaranarayanansubbiah', a search input 'Search by repository name', and a dropdown for 'All Content'. A 'Create repository' button is on the right. The main content area lists two repositories:

- sankaranarayanansubbiah / prod**
Contains: Image • Last pushed: about 6 hours ago
0 stars, 0 downloads, Private, Scout inactive
Tag: **WEB SERVERS**
- sankaranarayanansubbiah / dev**
Contains: Image • Last pushed: about 6 hours ago
0 stars, 0 downloads, Public, Scout inactive





The screenshot shows the 'General' tab of the Docker Hub repository 'sankaranarayanansubbiah/prod'. The breadcrumb navigation is 'sankaranarayanansubbiah / Repositories / prod / General'. The repository is marked as 'Using 1 of 1 private repositories.' The 'General' tab is selected, with other tabs being 'Tags', 'Builds', 'Collaborators', 'Webhooks', and 'Settings'.


sankaranarayanansubbiah/prod 
Updated about 5 hours ago
final capstone project 
WEB SERVERS 

Docker commands
To push a new tag to this repository:
`docker push sankaranarayanansubbiah/prod:tagname`

Tags
This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	---	5 hours ago

[See all](#)

Automated Builds
Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.
Available with Pro, Team and Business subscriptions. [Read more about automated builds](#). 

hub.docker.com/repository/docker/sankaranarayanansubbiah/dev/general

sankaranarayanansubbiah / Repositories / dev / General Using 1 of 1 private repositories.

General Tags Builds Collaborators Webhooks Settings

sankaranarayanansubbiah/dev Updated about 6 hours ago

guvi task

This repository does not have a category **INCOMPLETE**

Docker commands [Public View](#)

To push a new tag to this repository:

```
docker push sankaranarayanansubbiah/dev:tagname
```

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	---	6 hours ago

[See all](#)

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.


Available with Pro, Team and Business subscriptions. [Read more about automated builds](#).

Deployed site:

OnlineShop

Home Login SignUp


OnePlus 9 5G



5.4 inch display 399

Add to Cart


Iphone 13 mini



5.4 inch display 399

Add to Cart


Samsung s21 ultra



5.4 inch display 399

Add to Cart


xiami mi 11




5.4 inch display 399

Add to Cart


OnePlus 9 5G




Iphone 13 mini



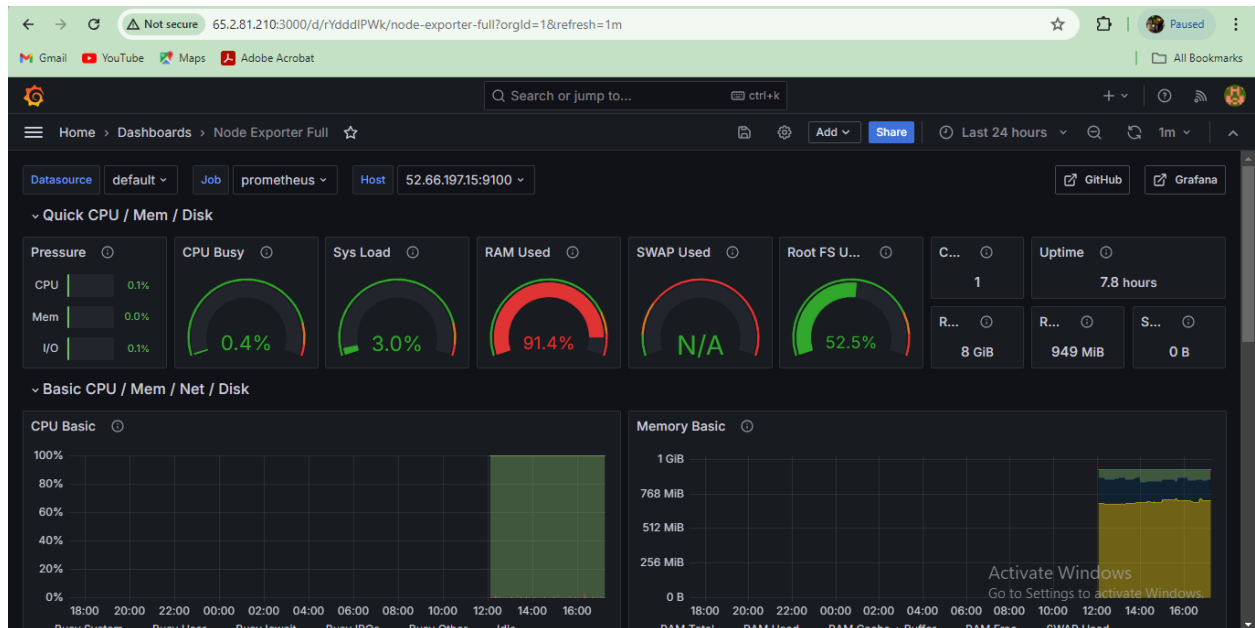
Samsung s21 ultra



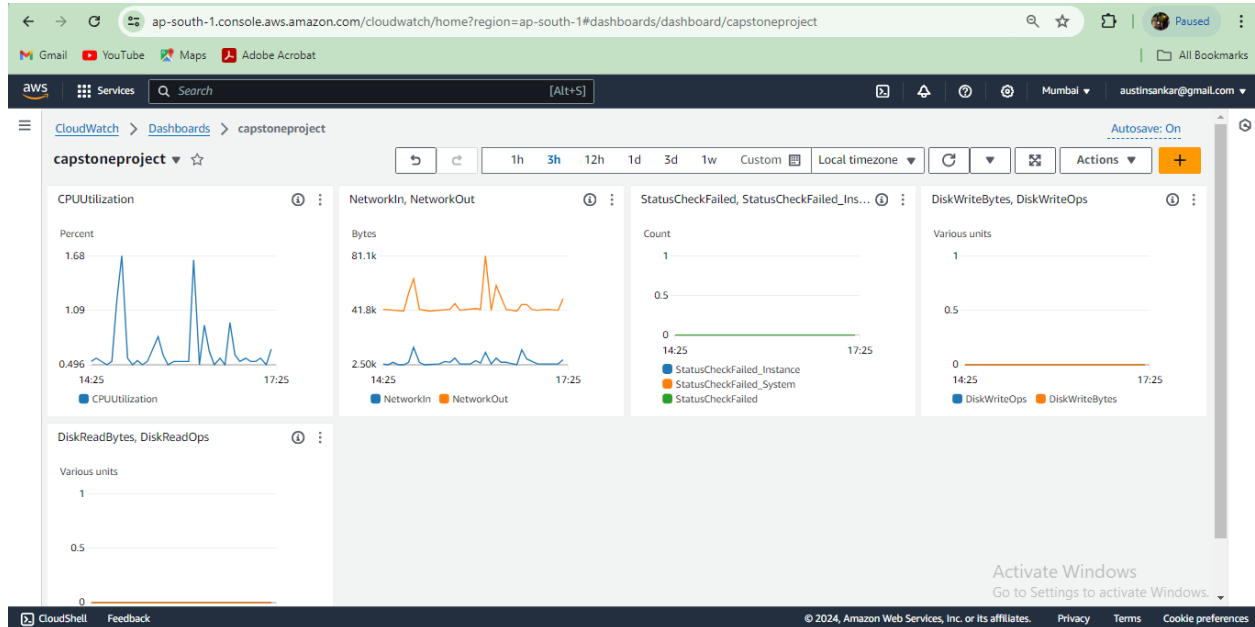
xiami mi 11



Health check monitoring:



Monitoring setup using AWS Cloud watch:



←→↺🔍ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:?(selectedIds=~('capstone*27s*20machine*20was*20down'))☆🔖Paused⋮

Gmail YouTube Maps Adobe Acrobat

awsServices🔍Search[Alt+S]

🔔🕒⚙️Mumbaiaustinsankar@gmail.com

☰CloudWatch> Alarms🔔

Alarms (1/1)

☐ Hide Auto Scaling alarms

Clear selection

🔄

Create composite alarm

Actions

Create alarm

🔍Search

Alarm state: Any

Alarm type: Any

Actions status: Any

<1>⚙️

<input checked="" type="checkbox"/>	Name	State	Last state update (Local)	Conditions	Actions
<input checked="" type="checkbox"/>	capstone's machine was down	🟢 OK	2024-06-27 14:21:50	StatusCheckFailed_Instance >= 1 for 1 datapoints within 1 hour	🟢 Actions enabled Warning

Activate Windows
Go to Settings to activate Windows.

CloudShellFeedback

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