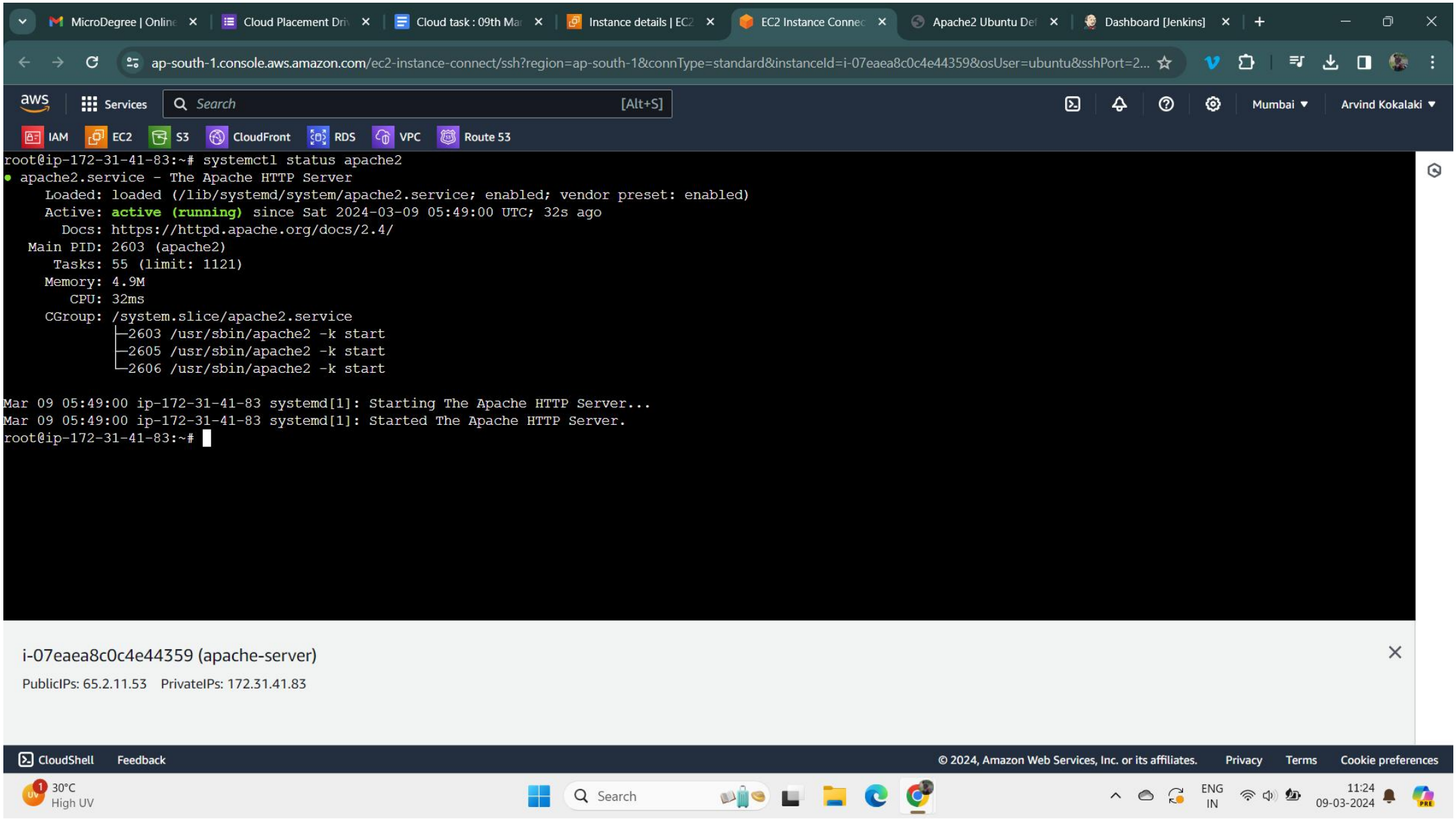
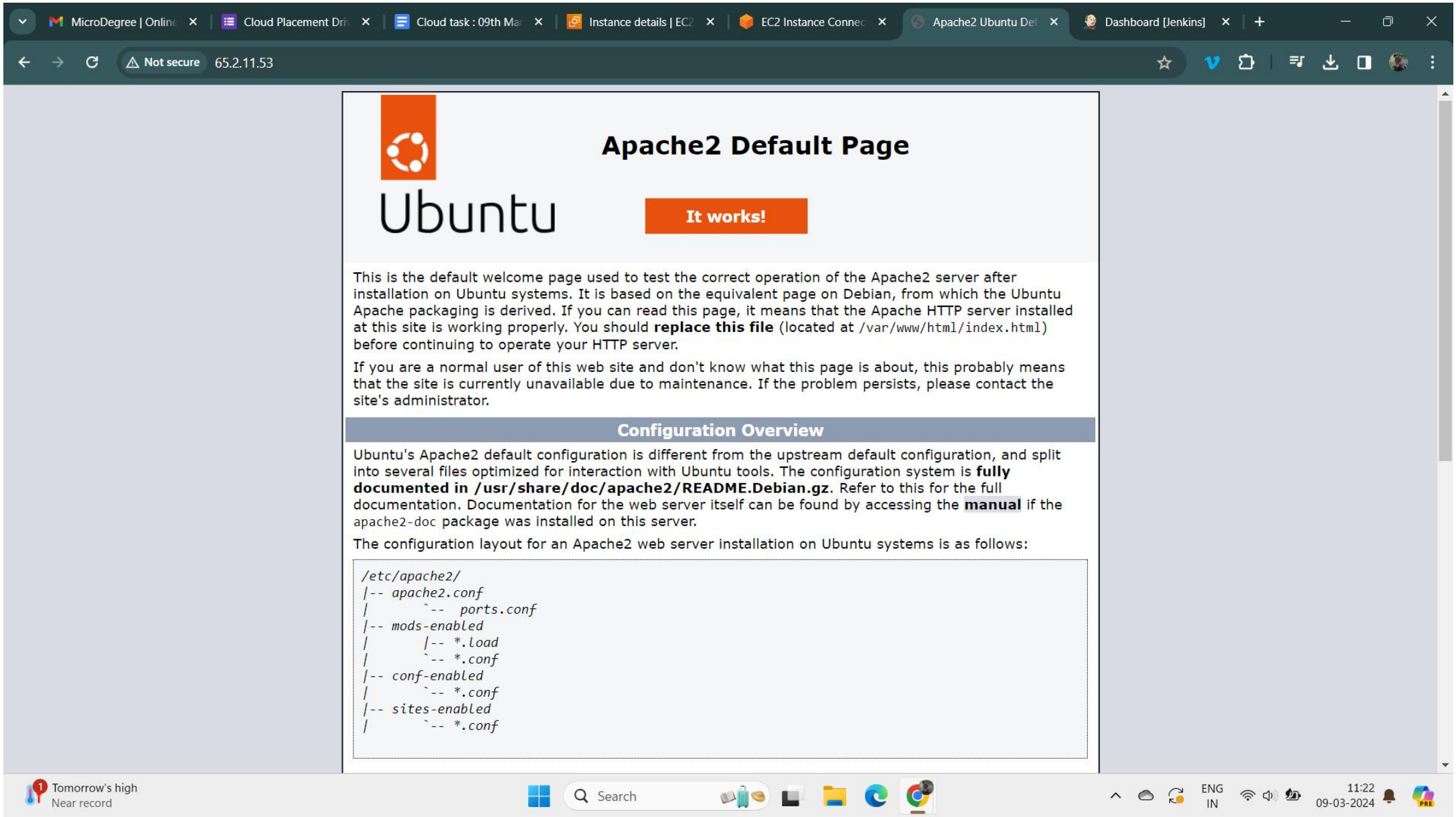
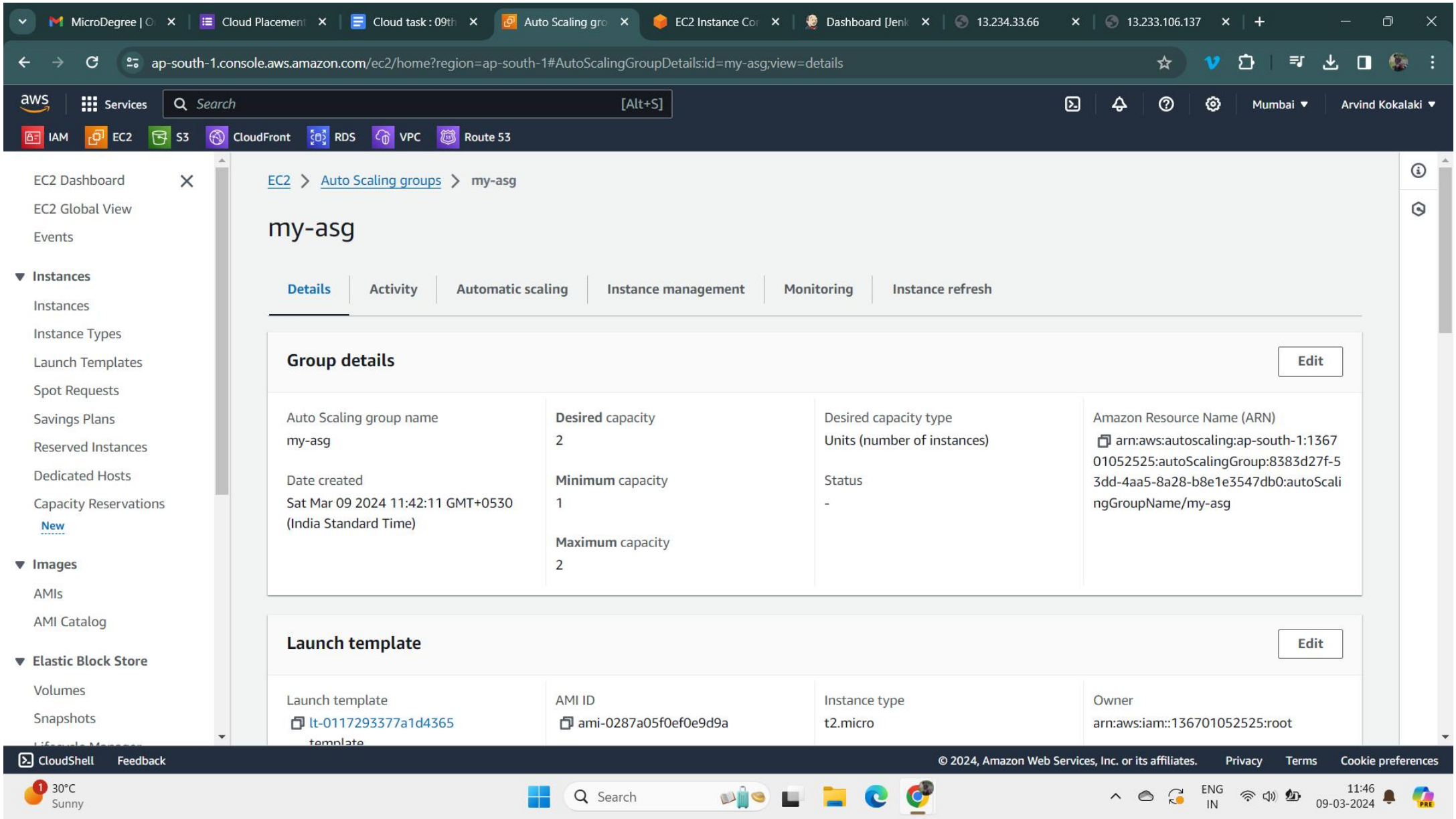
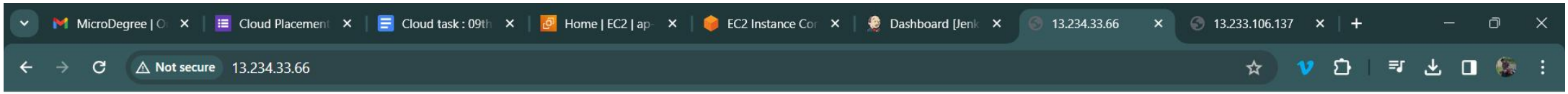
Task-1


MicroDegree | Online
Cloud Placement Dri
Cloud task : 09th Mar
Instance details | EC2
EC2 Instance Connec
Apache2 Ubuntu Def
Dashboard [Jenkins]
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-07eaea8c0c4e44359&osUser=ubuntu&sshPort=2...
aws
Services
Search
[Alt+S]
Mumbai
Arvind Kokalaki
IAM
EC2
S3
CloudFront
RDS
VPC
Route 53
root@ip-172-31-41-83:~# systemctl status apache2
● apache2.service - The Apache HTTP Server
Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
Active: active (running) since Sat 2024-03-09 05:49:00 UTC; 32s ago
Docs: https://httpd.apache.org/docs/2.4/
Main PID: 2603 (apache2)
Tasks: 55 (limit: 1121)
Memory: 4.9M
CPU: 32ms
CGroup: /system.slice/apache2.service
├─2603 /usr/sbin/apache2 -k start
├─2605 /usr/sbin/apache2 -k start
└─2606 /usr/sbin/apache2 -k start
Mar 09 05:49:00 ip-172-31-41-83 systemd[1]: Starting The Apache HTTP Server...
Mar 09 05:49:00 ip-172-31-41-83 systemd[1]: Started The Apache HTTP Server.
root@ip-172-31-41-83:~#
i-07eaea8c0c4e44359 (apache-server)
PublicIPs: 65.2.11.53 PrivateIPs: 172.31.41.83
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
30°C
High UV
Search
ENG
IN
11:24
09-03-2024


MicroDegree | Online
Cloud Placement Driv
Cloud task : 09th Mar
Instance details | EC2
EC2 Instance Connec
Apache2 Ubuntu Def
Dashboard [Jenkins]
Not secure
65.2.11.53
Apache2 Default Page
Ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.
The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
| `-- *.conf
|-- conf-enabled
| `-- *.conf
|-- sites-enabled
| `-- *.conf
Tomorrow's high
Near record
Search
ENG
IN
11:22
09-03-2024

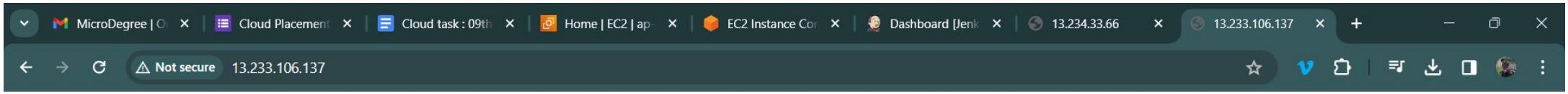
Task-3


MicroDegree | O
Cloud Placement
Cloud task : 09th
Auto Scaling gro
EC2 Instance Cor
Dashboard [Jenk
13.234.33.66
13.233.106.137
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#AutoScalingGroupDetails:id=my-asg;view=details
aws
Services
Search
[Alt+S]
Mumbai
Arvind Kokalaki
IAM
EC2
S3
CloudFront
RDS
VPC
Route 53
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
EC2 > Auto Scaling groups > my-asg
my-asg
Details
Activity
Automatic scaling
Instance management
Monitoring
Instance refresh
Group details
Edit
Auto Scaling group name
my-asg
Date created
Sat Mar 09 2024 11:42:11 GMT+0530 (India Standard Time)
Desired capacity
2
Minimum capacity
1
Maximum capacity
2
Desired capacity type
Units (number of instances)
Status
-
Amazon Resource Name (ARN)
arn:aws:autoscaling:ap-south-1:136701052525:autoScalingGroup:8383d27f-53dd-4aa5-8a28-b8e1e3547db0:autoScalingGroupName/my-asg
Launch template
Edit
Launch template
lt-0117293377a1d4365
AMI ID
ami-0287a05f0ef0e9d9a
Instance type
t2.micro
Owner
arn:aws:iam::136701052525:root
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
30°C
Sunny
Search
ENG
IN
11:46
09-03-2024


MicroDegree | O
Cloud Placement
Cloud task : 09th
Home | EC2 | ap-
EC2 Instance Cor
Dashboard [Jenk
13.234.33.66
13.233.106.137
Not secure
13.234.33.66

Hello-AWS

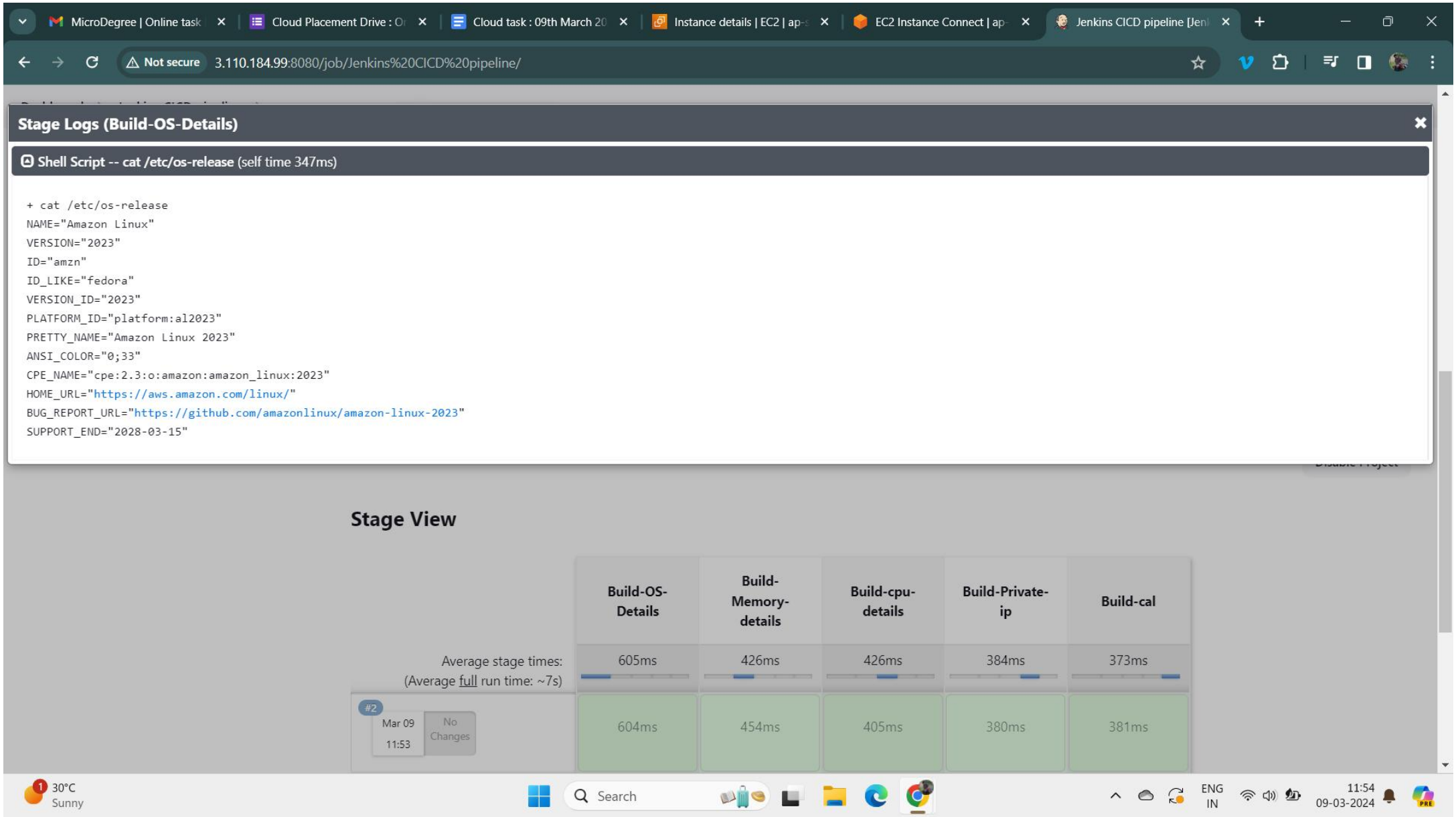
30°C
Sunny
Search
ENG
IN
11:44
09-03-2024

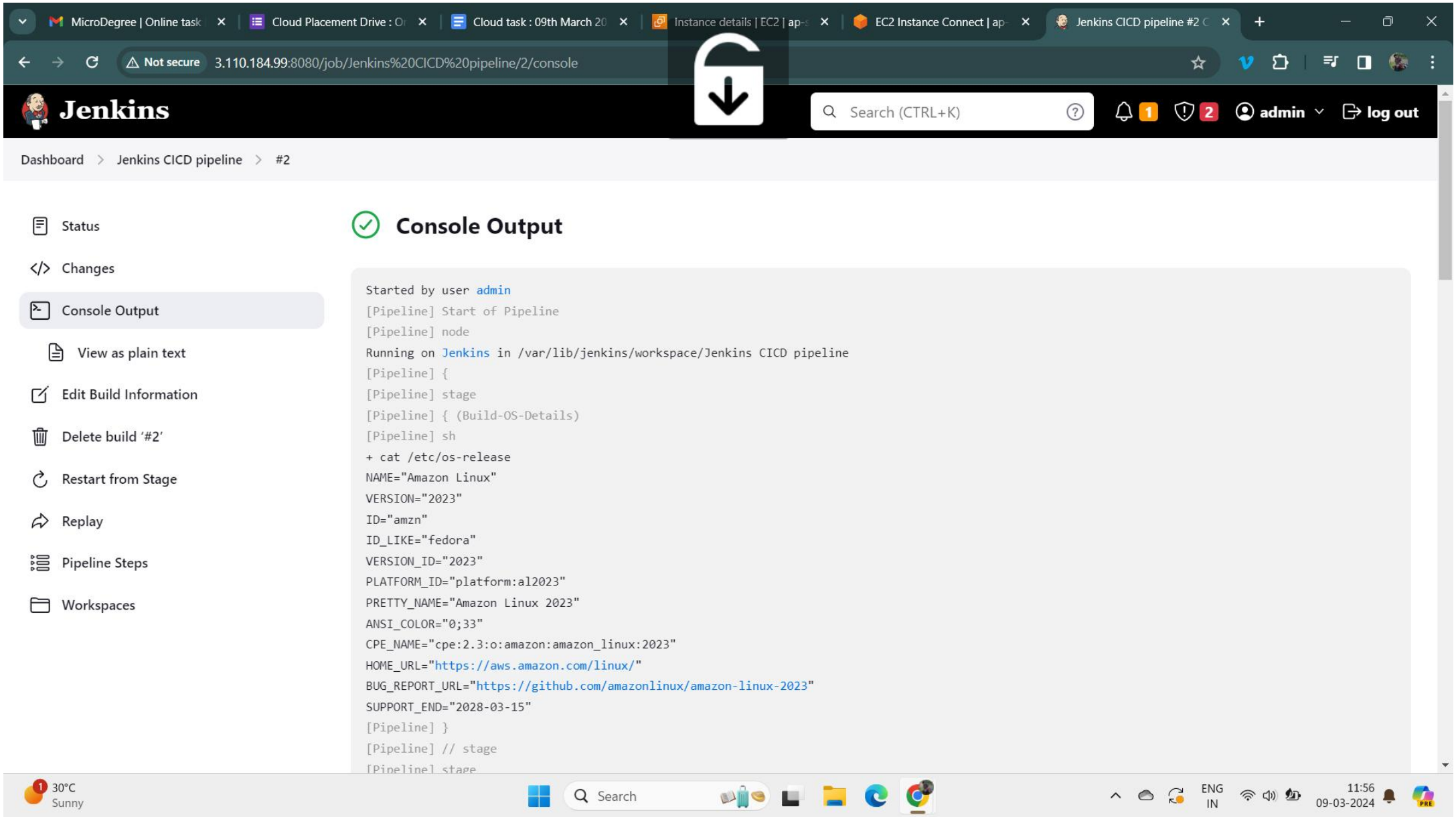

MicroDegree | O
Cloud Placement
Cloud task : 09th
Home | EC2 | ap-
EC2 Instance Cor
Dashboard [Jenk
13.234.33.66
13.233.106.137
Not secure
13.233.106.137

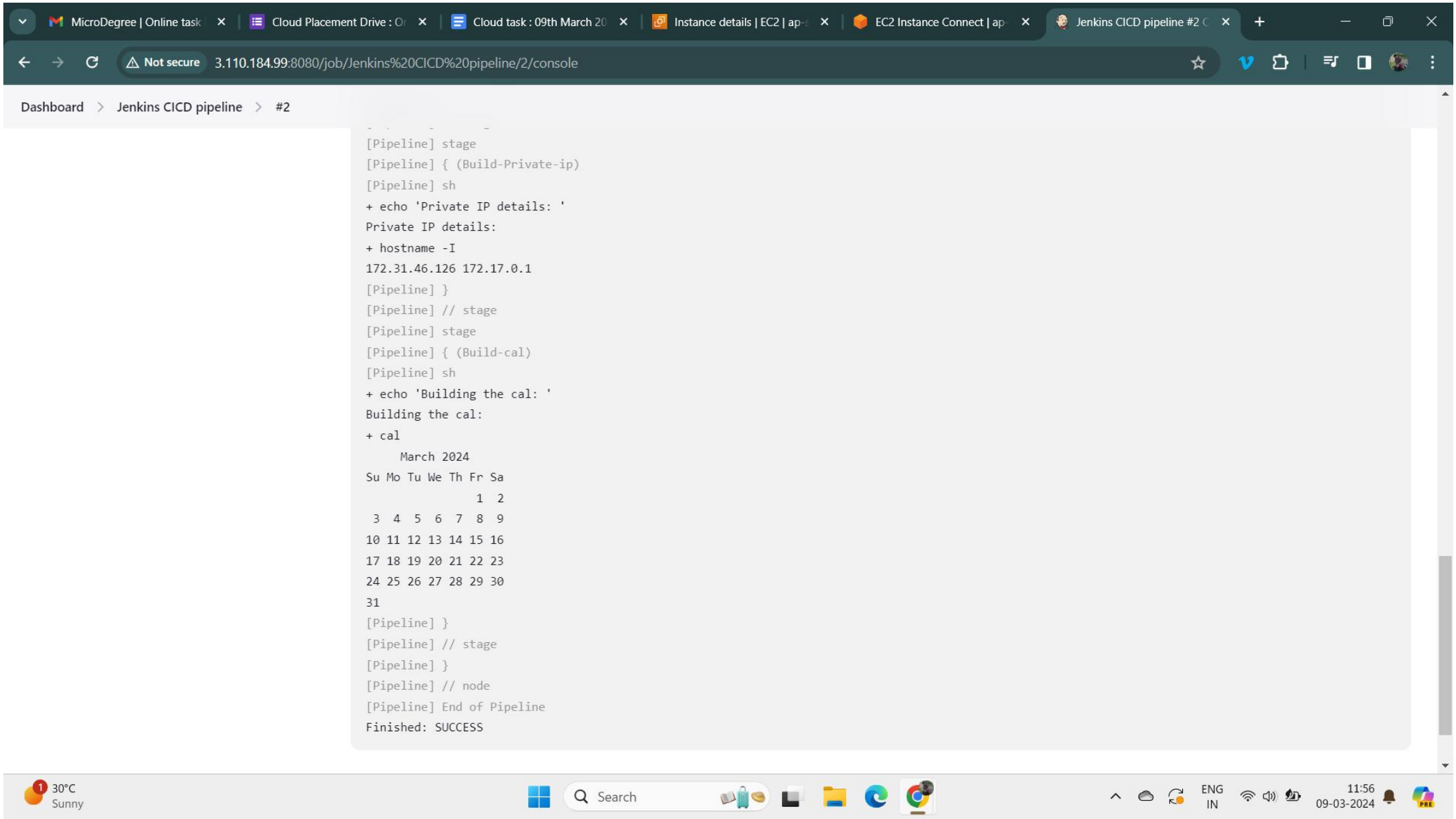
Hello-AWS

30°C
Sunny
Search
ENG
IN
11:44
09-03-2024

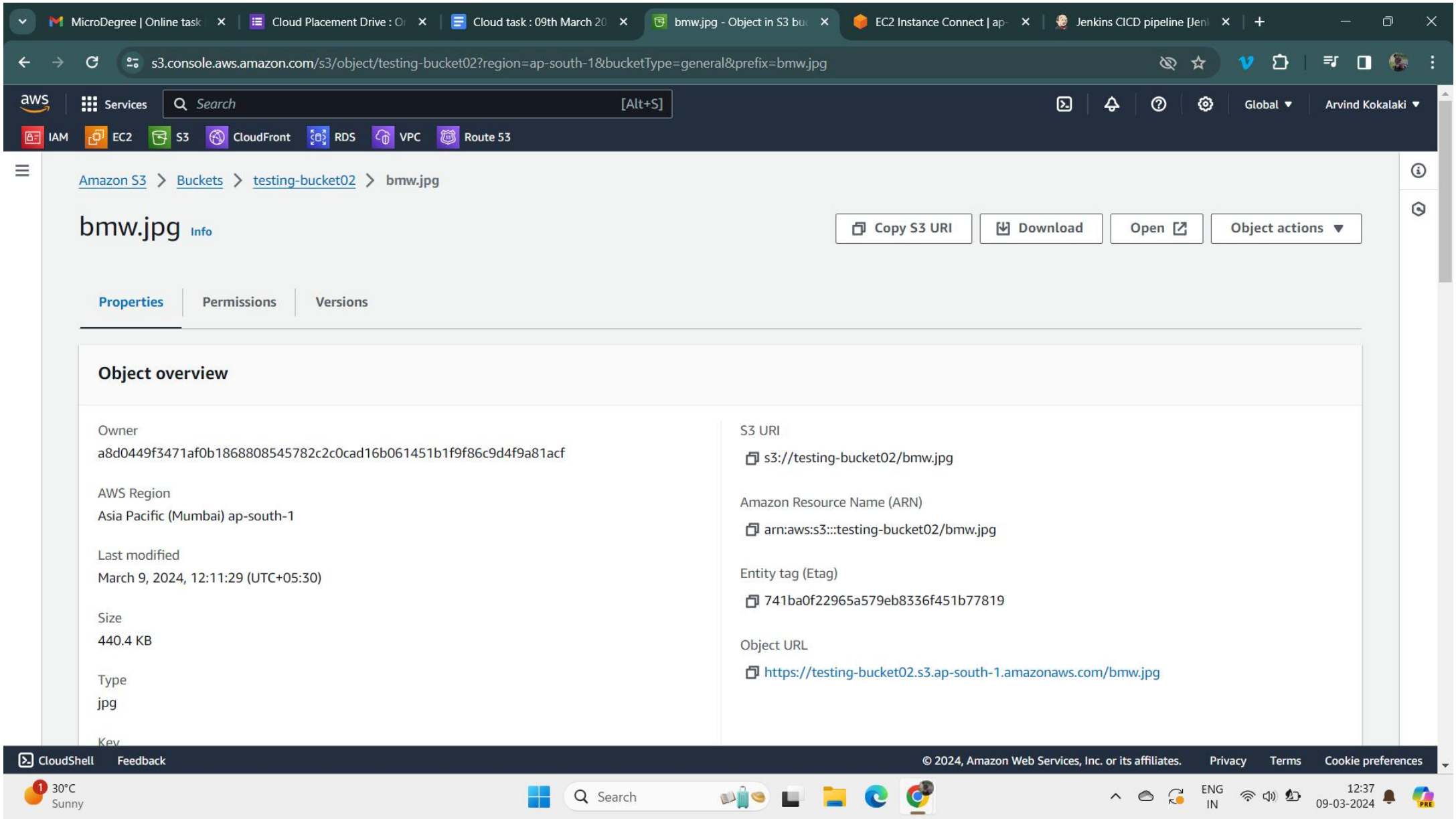
Task-4

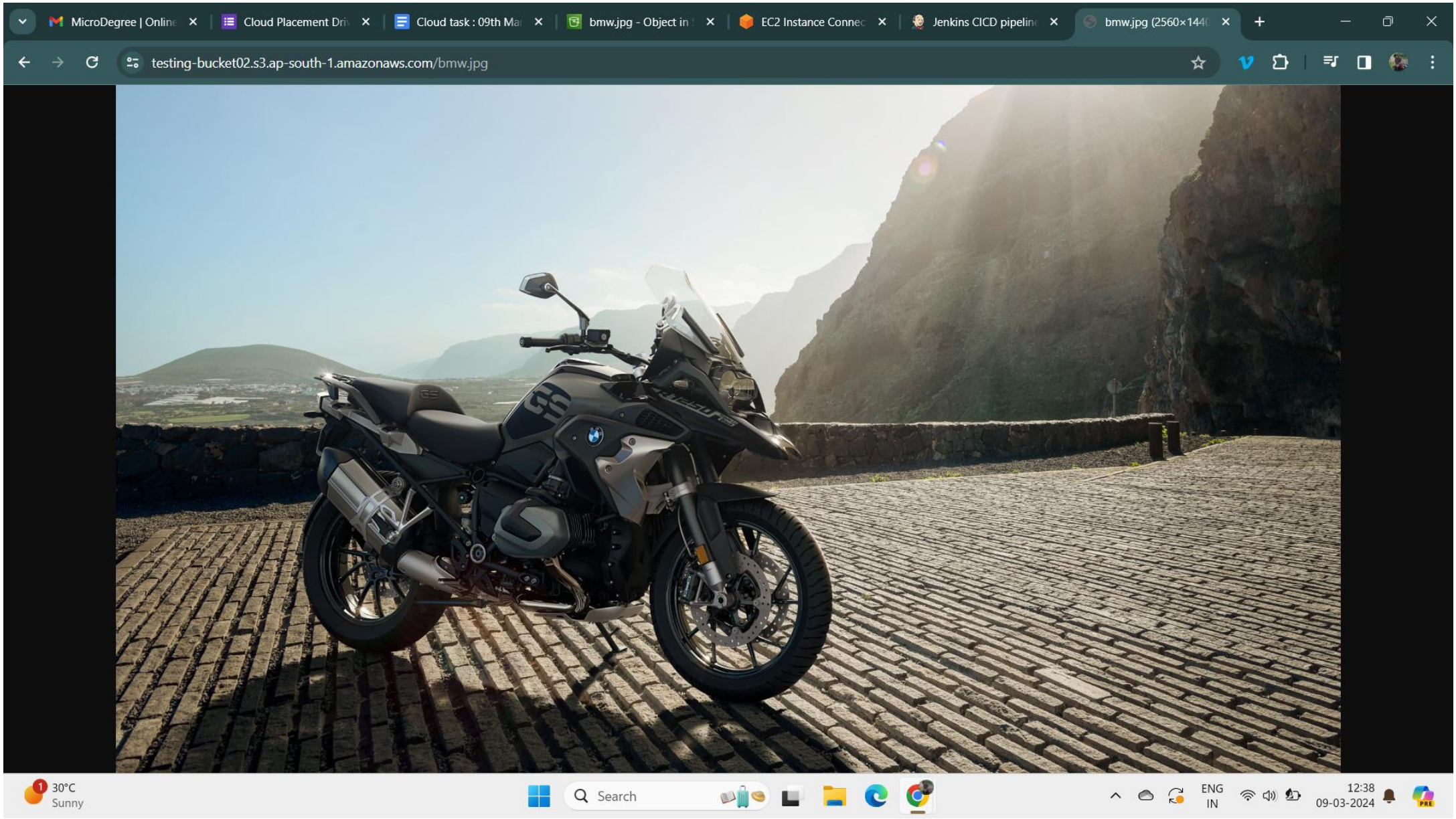

MicroDegree | Online task
Cloud Placement Drive : O
Cloud task : 09th March 20
Instance details | EC2 | ap-s
EC2 Instance Connect | ap-
Jenkins CICD pipeline [Jenk
Not secure
3.110.184.99:8080/job/Jenkins%20CICD%20pipeline/
Stage Logs (Build-OS-Details)
Shell Script -- cat /etc/os-release (self time 347ms)
+ cat /etc/os-release
NAME="Amazon Linux"
VERSION="2023"
ID="amzn"
ID_LIKE="fedora"
VERSION_ID="2023"
PLATFORM_ID="platform:al2023"
PRETTY_NAME="Amazon Linux 2023"
ANSI_COLOR="0;33"
CPE_NAME="cpe:2.3:o:amazon:amazon_linux:2023"
HOME_URL="https://aws.amazon.com/linux/"
BUG_REPORT_URL="https://github.com/amazonlinux/amazon-linux-2023"
SUPPORT_END="2028-03-15"
Stage View
Build-OS-Details
Build-Memory-details
Build-cpu-details
Build-Private-ip
Build-cal
Average stage times:
(Average full run time: ~7s)
605ms
426ms
426ms
384ms
373ms
#2
Mar 09
11:53
No Changes
604ms
454ms
405ms
380ms
381ms
30°C
Sunny
Search
ENG
IN
11:54
09-03-2024


MicroDegree | Online task
Cloud Placement Drive : O
Cloud task : 09th March 20
Instance details | EC2 | ap-s
EC2 Instance Connect | ap-
Jenkins CICD pipeline #2 C
Not secure
3.110.184.99:8080/job/Jenkins%20CICD%20pipeline/2/console
Jenkins
Search (CTRL+K)
admin
log out
Dashboard
Jenkins CICD pipeline
#2
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#2'
Restart from Stage
Replay
Pipeline Steps
Workspaces
Console Output
Started by user admin
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/Jenkins CICD pipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build-OS-Details)
[Pipeline] sh
+ cat /etc/os-release
NAME="Amazon Linux"
VERSION="2023"
ID="amzn"
ID_LIKE="fedora"
VERSION_ID="2023"
PLATFORM_ID="platform:al2023"
PRETTY_NAME="Amazon Linux 2023"
ANSI_COLOR="0;33"
CPE_NAME="cpe:2.3:o:amazon:amazon_linux:2023"
HOME_URL="https://aws.amazon.com/linux/"
BUG_REPORT_URL="https://github.com/amazonlinux/amazon-linux-2023"
SUPPORT_END="2028-03-15"
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
30°C
Sunny
Search
ENG
IN
11:56
09-03-2024


MicroDegree | Online task
Cloud Placement Drive : O
Cloud task : 09th March 20
Instance details | EC2 | ap-s
EC2 Instance Connect | ap-
Jenkins CICD pipeline #2 C
Not secure
3.110.184.99:8080/job/Jenkins%20CICD%20pipeline/2/console
Dashboard
Jenkins CICD pipeline
#2
[Pipeline] stage
[Pipeline] { (Build-Private-ip)
[Pipeline] sh
+ echo 'Private IP details: '
Private IP details:
+ hostname -I
172.31.46.126 172.17.0.1
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build-cal)
[Pipeline] sh
+ echo 'Building the cal: '
Building the cal:
+ cal
March 2024
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
30°C
Sunny
Search
ENG
IN
11:56
09-03-2024

Task-5

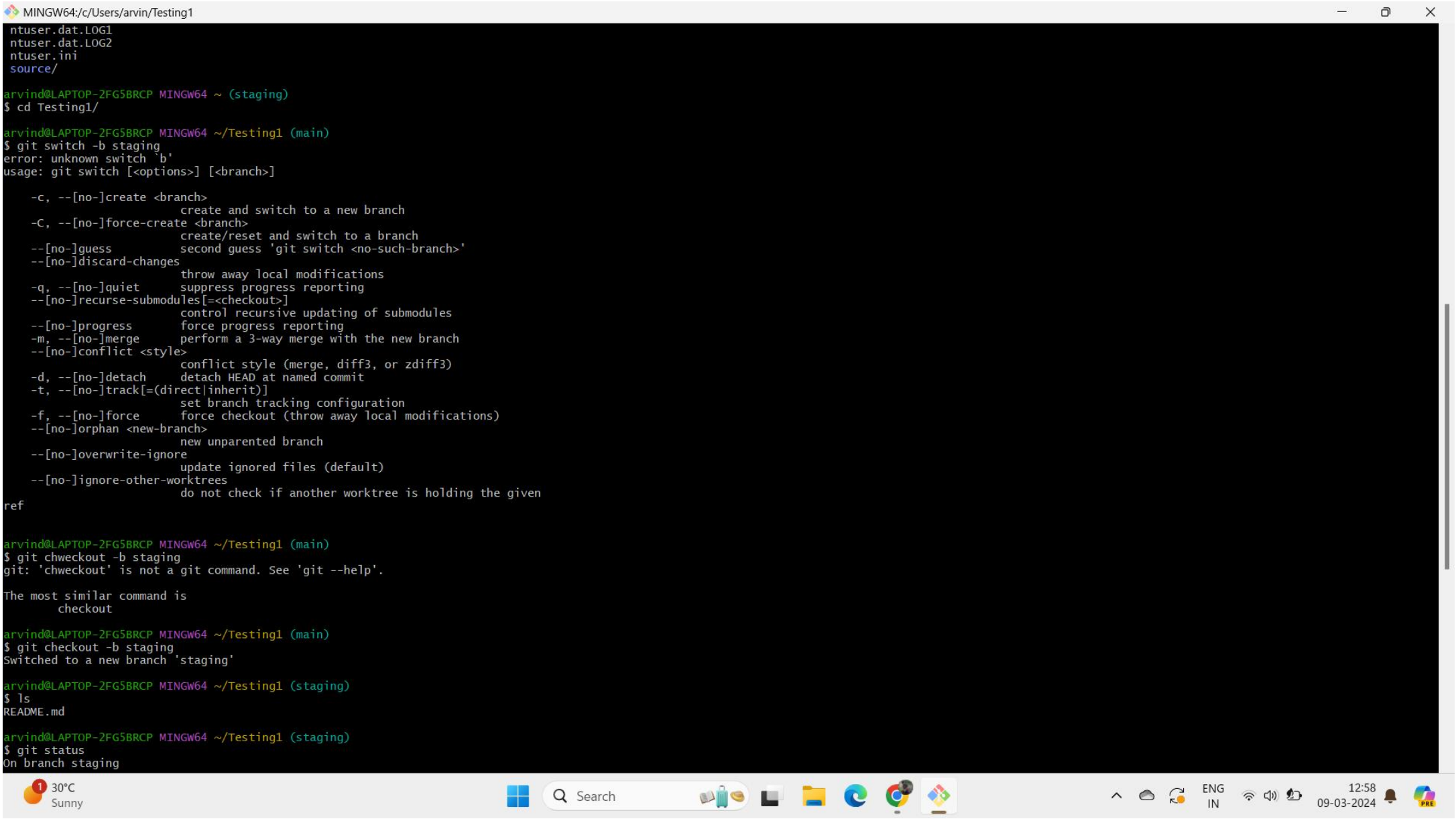

MicroDegree | Online task
Cloud Placement Drive : O
Cloud task : 09th March 20
bmw.jpg - Object in S3 bu
EC2 Instance Connect | ap
Jenkins CICD pipeline [Jen
s3.console.aws.amazon.com/s3/object/testing-bucket02?region=ap-south-1&bucketType=general&prefix=bmw.jpg
aws
Services
Search
[Alt+S]
Global
Arvind Kokalaki
IAM
EC2
S3
CloudFront
RDS
VPC
Route 53
Amazon S3 > Buckets > testing-bucket02 > bmw.jpg
bmw.jpg Info
Copy S3 URI
Download
Open
Object actions
Properties
Permissions
Versions
Object overview
Owner
a8d0449f3471af0b1868808545782c2c0cad16b061451b1f9f86c9d4f9a81acf
AWS Region
Asia Pacific (Mumbai) ap-south-1
Last modified
March 9, 2024, 12:11:29 (UTC+05:30)
Size
440.4 KB
Type
jpg
Key
S3 URI
s3://testing-bucket02/bmw.jpg
Amazon Resource Name (ARN)
arn:aws:s3:::testing-bucket02/bmw.jpg
Entity tag (Etag)
741ba0f22965a579eb8336f451b77819
Object URL
https://testing-bucket02.s3.ap-south-1.amazonaws.com/bmw.jpg
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
30°C
Sunny
Search
ENG
IN
12:37
09-03-2024


MicroDegree | Online
Cloud Placement Driv
Cloud task : 09th Mar
bmw.jpg - Object in S
EC2 Instance Connec
Jenkins CICD pipeline
bmw.jpg (2560×1440
testing-bucket02.s3.ap-south-1.amazonaws.com/bmw.jpg
30°C
Sunny
Search
ENG
IN
12:38
09-03-2024

Task-9

MINGW64:/c/Users/arvin/Testing1

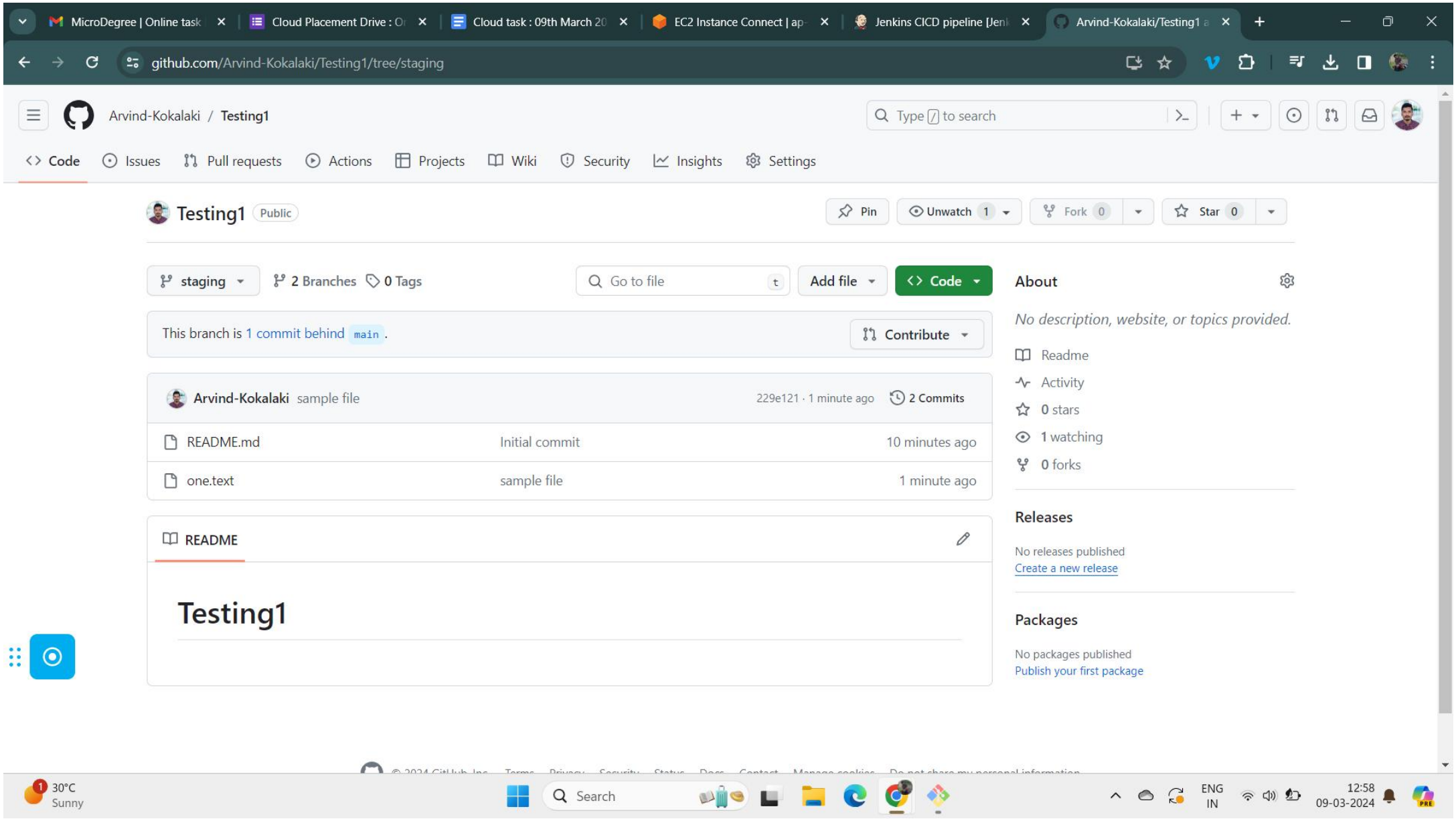
```
arvind@LAPTOP-2FG5BRCP MINGW64 ~ (staging)
$ git init
Reinitialized existing Git repository in C:/Users/arvin/.git/

arvind@LAPTOP-2FG5BRCP MINGW64 ~ (staging)
$ git clone https://github.com/Arvind-Kokalaki/Testing1.git
Cloning into 'Testing1'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

arvind@LAPTOP-2FG5BRCP MINGW64 ~ (staging)
$ ls
'3D Objects'/
 AppData/
'Application Data'@
 Contacts/
 Cookies@
 Desktop/
 Documents/
 Downloads/
 Dropbox/
 Favorites/
 IntelGraphicsProfiles/
 Links/
'Local Settings'@
 Music/
'My Documents'@
 NTUSER.DAT
 NTUSER.DAT{2bf8fe2c-afb6-11ed-bfa8-ee17edaa1ccb}.TM.blf
 NTUSER.DAT{2bf8fe2c-afb6-11ed-bfa8-ee17edaa1ccb}.TMContainer00000000000000000000
1.regtrans-ms
 NTUSER.DAT{2bf8fe2c-afb6-11ed-bfa8-ee17edaa1ccb}.TMContainer00000000000000000000
2.regtrans-ms
 NetHood@
 OneDrive/
 Pictures/
 PrintHood@
 Recent@
'Saved Games'/
 Searches/
 SendTo@
'Start Menu'@
 Templates@
 Test2/
 Testing/
 Testing1/
 Tracing/
 Videos/
 ark/
 devops/
 eclipse-workspace/
 filename
 folder/
 mydevops/
 mydevopsfolder/
```


MINGW64:/c/Users/arvin/Testing1
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
source/
arvind@LAPTOP-2FG5BRCP MINGW64 ~ (staging)
$ cd Testing1/
arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (main)
$ git switch -b staging
error: unknown switch `b'
usage: git switch [<options>] [<branch>]
-c, --[no-]create <branch>
create and switch to a new branch
-C, --[no-]force-create <branch>
create/reset and switch to a branch
--[no-]guess second guess 'git switch <no-such-branch>'
--[no-]discard-changes
throw away local modifications
-q, --[no-]quiet suppress progress reporting
--[no-]recurse-submodules[=<checkout>]
control recursive updating of submodules
--[no-]progress force progress reporting
-m, --[no-]merge perform a 3-way merge with the new branch
--[no-]conflict <style>
conflict style (merge, diff3, or zdiff3)
-d, --[no-]detach detach HEAD at named commit
-t, --[no-]track[=(direct|inherit)]
set branch tracking configuration
-f, --[no-]force force checkout (throw away local modifications)
--[no-]orphan <new-branch>
new unparented branch
--[no-]overwrite-ignore
update ignored files (default)
--[no-]ignore-other-worktrees
do not check if another worktree is holding the given
ref
arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (main)
$ git chweckout -b staging
git: 'chweckout' is not a git command. See 'git --help'.
The most similar command is
checkout
arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (main)
$ git checkout -b staging
Switched to a new branch 'staging'
arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ ls
README.md
arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ git status
On branch staging
30°C
Sunny
Search
ENG
IN
12:58
09-03-2024

MINGW64:/c/Users/arvin/Testing1

```
$ git chweckout -b staging
git: 'chweckout' is not a git command. See 'git --help'.

The most similar command is
        checkout

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (main)
$ git checkout -b staging
Switched to a new branch 'staging'

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ ls
README.md

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ git status
On branch staging
nothing to commit, working tree clean

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ touch one.text

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ git status
On branch staging
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        one.text

nothing added to commit but untracked files present (use "git add" to track)

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ git add one.text

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ git commit -m "sample file"
[staging 229e121] sample file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 one.text

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$ git push -u origin staging
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 276 bytes | 276.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'staging' on GitHub by visiting:
remote:      https://github.com/Arvind-Kokalaki/Testing1/pull/new/staging
remote:
To https://github.com/Arvind-Kokalaki/Testing1.git
 * [new branch]      staging -> staging
branch 'staging' set up to track 'origin/staging'.

arvind@LAPTOP-2FG5BRCP MINGW64 ~/Testing1 (staging)
$
```

30°C Sunny
Search
ENG IN
12:58 09-03-2024


MicroDegree | Online task
Cloud Placement Drive : O
Cloud task : 09th March 20
EC2 Instance Connect | ap
Jenkins CICD pipeline [Jenk
Arvind-Kokalaki/Testing1 a
github.com/Arvind-Kokalaki/Testing1/tree/staging
Arvind-Kokalaki / Testing1
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Testing1
Public
Pin
Unwatch 1
Fork 0
Star 0
staging
2 Branches
0 Tags
Go to file
t
Add file
Code
This branch is 1 commit behind main.
Contribute
Arvind-Kokalaki sample file
229e121 · 1 minute ago
2 Commits
README.md
Initial commit
10 minutes ago
one.text
sample file
1 minute ago
README
Testing1
About
No description, website, or topics provided.
Readme
Activity
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
30°C
Sunny
Search
ENG
IN
12:58
09-03-2024