

# Capstone Project - 1

Finance Me

Name - Akshay kumar

# Phase 1 -Infra-Structure Provisioning and Configurations

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a project structure under "FINANCE\_INFRA".
  - ansible:** ansible.cfg, finance-key.pem, inventory.ini, jenkins-master.yml, jenkins-slave.yml
  - terraform:** .terraform.lock.hcl, finance-key.pem, main.tf (selected), outputs.tf, provider.tf, terraform.tfstate, terraform.tfstate.backup, variables.tf
- Editor (Center):** The "main.tf" file is open, displaying Terraform code for AWS infrastructure setup. The code includes:
  - Generating a TLS private key ("example") with RSA algorithm and 4096 bits.
  - Creating an AWS key pair ("finance-key") with the public key from the generated private key.
  - Creating a local file ("private\_key") containing the private key PEM.
  - Using the default VPC by defining a data source for "aws\_vpc" with "default" as the value.
  - Creating an AWS security group ("vm\_sg") with a name, description, and allowing all traffic from port 0.
- Bottom Bar:** Includes icons for Run Testcases, Connect, BLACKBOX Chat, Add Logs, CyberCoder, Improve Code, Share Code Link, Open Website, and various system status indicators like battery level, signal strength, and date/time (04:56, 30-06-2025).

The screenshot shows a Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** outputs.tf - finance\_infra - Visual Studio Code
- Toolbars:** Standard toolbar icons.
- Left Sidebar (EXPLORER):** Shows a tree view of the project structure under "FINANCE\_INFRA".
  - ansible:** ansible.cfg, finance-key.pem, inventory.ini, jenkins-master.yml, jenkins-slave.yml
  - terraform:** .terraform, .terraform.lock.hcl, finance-key.pem, main.tf, outputs.tf (selected), provider.tf, terraform.tfstate, terraform.tfstate.backup, variables.tf
- Central Area:** Code editor showing the contents of the outputs.tf file.

```
terraform > outputs.tf
1 output "jenkins_ip" {
2   value = aws_instance.jenkins.public_ip
3 }
4
5 output "jenkins_slave_ip" {
6   value = aws_instance.jenkins_slave.public_ip
7 }
8
9 output "k8s_master_ip" {
10  value = aws_instance.k8s_master.public_ip
11 }
12
13 output "k8s_worker1_ip" {
14  value = aws_instance.k8s_worker1.public_ip
15 }
16
17 output "k8s_worker2_ip" {
18  value = aws_instance.k8s_worker2.public_ip
19 }
20
```
- Bottom Bar:** Run Testcases, Connect, BLACKBOX Chat, Add Logs, CyberCoder, Improve Code, Share Code Link, Open Website, UTF-8, CRLF, Terraform, AI Code Chat.
- Taskbar:** Search bar, pinned icons for various applications (Windows Start, GitHub, Microsoft Edge, Google Chrome, VS Code, WhatsApp, etc.), system status icons (Wi-Fi, Battery, ENG IN), and date/time (04:58, 30-06-2025).

A screenshot of the Visual Studio Code interface, showing a project structure for "FINANCE\_INFRA". The "EXPLORER" sidebar on the left lists files and folders: "ansible" (containing "ansible.cfg", "finance-key.pem", "inventory.ini", "jenkins-master.yml", "jenkins-slave.yml"), ".terraform" (containing ".terraform.lock.hcl", "finance-key.pem", "main.tf", "outputs.tf", "provider.tf", "terraform.tfstate", "terraform.tfstate.backup", "variables.tf"). The "provider.tf" file is selected in the Explorer and is open in the main editor area. The code in "provider.tf" is:

```
1 provider "aws" {
2   region  = "ap-south-1"      # Mumbai
3   profile = "default"        # Use the one set in `aws configure`}
4
5 }
```

The status bar at the bottom shows various icons and status indicators, including "Search", "Run Testcases", "Connect", "BLACKBOX Chat", "Add Logs", "CyberCoder", "Improve Code", "Share Code Link", "Open Website", "UTF-8", "CRLF", "Terraform", "AI Code Chat", and system notifications.

```
1  [
2    "version": 4,
3    "terraform_version": "1.12.2",
4    "serial": 16,
5    "lineage": "711700c6-2f18-8d04-8aa3-9856bf085d21",
6    "outputs": {
7      "jenkins_ip": {
8        "value": "13.201.102.215",
9        "type": "string"
10     },
11     "jenkins_slave_ip": {
12       "value": "35.154.51.82",
13       "type": "string"
14     },
15     "k8s_master_ip": {
16       "value": "43.204.141.75",
17       "type": "string"
18     },
19     "k8s_worker1_ip": {
20       "value": "43.204.147.228",
21       "type": "string"
22     },
23     "k8s_worker2_ip": {
24       "value": "13.203.232.37",
25       "type": "string"
26     }
27   },
28   "resources": [
29   ]
```

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a project structure under "FINANCE\_INFRA".
  - ansible:** ansible.cfg, finance-key.pem, inventory.ini, jenkins-master.yml, jenkins-slave.yml
  - terraform:** .terraform, .terraform.lock.hcl, finance-key.pem, main.tf, outputs.tf, provider.tf, terraform.tfstate, terraform.tfstate.backup, variables.tf
- Editor (Center):** The "variables.tf" file is open, showing Terraform code:

```
1 # variable "key_name" {  
2 #   default = "my-key" # Replace with your actual AWS key pair name  
3 # }  
4  
5 variable "instance_type" {  
6   default = "t3.medium"  
7 }  
8  
9 variable "ami_id" {  
10  default = "ami-0f58b397bc5c1f2e8" # Ubuntu 22.04 in ap-south-1  
11 }
```
- Bottom Bar:** Includes icons for Run Testcases, Connect, BLACKBOX Chat, Add Logs, CyberCoder, Improve Code, Share Code Link, Open Website, encoding (UTF-8), line endings (CRLF), Terraform, AI Code Chat, and system status (Search, Notifications, Battery, Network, Language: ENG IN, Date: 30-06-2025, Time: 04:58).

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a project structure under "FINANCE\_INFRA".
  - ansible:** ansible.cfg, finance-key.pem, inventory.ini, jenkins-master.yml (selected), jenkins-slave.yml.
  - terraform:** .terraform.lock.hcl, finance-key.pem, main.tf, outputs.tf, provider.tf, terraform.tfstate, terraform.tfstate.backup, variables.tf.
- Code Editor (Center):** The file "jenkins-master.yml" is open, displaying Ansible playbooks for Jenkins setup.

```
ansible > jenkins-master.yml
1 - name: Setup Jenkins Master
2 hosts: jenkins_master
3 become: true
4 tasks:
5   - name: Update apt repo
6     apt:
7       update_cache: yes
8
9   - name: Install Java (JDK 11)
10    apt:
11      name: openjdk-11-jdk
12      state: present
13
14   - name: Add Jenkins GPG key
15     apt_key:
16       url: https://pkg.jenkins.io/debian-stable/jenkins.io.key
17       state: present
18
19   - name: Add Jenkins repo
20     apt_repository:
21       repo: deb https://pkg.jenkins.io/debian-stable binary/
22       state: present
23
24   - name: Install Jenkins
25     apt:
26       name: jenkins
27       state: present
28       update_cache: yes
```
- Bottom Bar:** Includes icons for Run Testcases, Connect, BLACKBOX Chat, Add Logs, CyberCoder, Improve Code, Share Code Link, Open Website, Spaces: 2, UTF-8, CRLF, YAML, AI Code Chat, and various system status indicators like battery and signal strength.

The screenshot shows a Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** jenkins-slave.yml - finance\_infra - Visual Studio Code
- Explorer:** FINANCE\_INFRA folder structure:
  - ansible: ansible.cfg, finance-key.pem, inventory.ini, jenkins-master.yml, jenkins-slave.yml
  - terraform: .terraform, .terraform.lock.hcl, finance-key.pem, main.tf, outputs.tf, provider.tf, terraform.tfstate, terraform.tfstate.backup, variables.tf
- Editor:** jenkins-slave.yml (YAML file) content:

```
ansible > jenkins-slave.yml
1 - name: Setup Jenkins Slave (Build Server)
2   hosts: jenkins_slave
3   become: true
4   tasks:
5     - name: Update apt repo
6       apt:
7         update_cache: yes
8
9     - name: Install Java (JDK 11)
10    apt:
11      name: openjdk-11-jdk
12      state: present
13
14    - name: Install Git
15      apt:
16        name: git
17        state: present
18
19    - name: Install Maven
20      apt:
21        name: maven
22        state: present
23
24    - name: Install Docker dependencies
25      apt:
26        name:
27          - ca-certificates
28          - curl
29          - gnupg
```
- Bottom Bar:** Run Testcases, Connect, BLACKBOX Chat, Add Logs, CyberCoder, Improve Code, Share Code Link, Open Website, Spaces: 2, UTF-8, CRLF, YAML, AI Code Chat, ENG IN, 04:59, 30-06-2025

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a project structure under "FINANCE\_INFRA".
  - ansible:** ansible.cfg, finance-key.pem, inventory.ini, jenkins-master.yml, jenkins-slave.yml
  - terraform:** .terraform.lock.hcl, finance-key.pem, main.tf, outputs.tf, provider.tf, terraform.tfstate, terraform.tfstate.backup, variables.tf
- Editor (Center):** The file "jenkins-slave.yml" is open, displaying an Ansible Playbook configuration.

```
ansible > jenkins-slave.yml
1 - name: Setup Jenkins Slave (Build Server)
4 tasks:
40   - name: Add Docker repository
41     copy:
42       dest: /etc/apt/sources.list.d/docker.list
43       content: |
44         deb [arch=amd64 signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu
45
46   - name: Install Docker Engine
47     apt:
48       name:
49         - docker-ce
50         - docker-ce-cli
51         - containerd.io
52       state: present
53       update_cache: yes
54
55   - name: Add ubuntu user to docker group
56     user:
57       name: ubuntu
58       groups: docker
59       append: yes
60
61   - name: Start and enable Docker
62     systemd:
63       name: docker
64       enabled: yes
65       state: started
```
- Bottom Bar:** Includes icons for Run Testcases, Connect, BLACKBOX Chat, Add Logs, CyberCoder, Improve Code, Share Code Link, Open Website, Spaces: 2, UTF-8, CRLF, YAML, AI Code Chat, and various system status indicators like ENG IN, 04:59, and 30-06-2025.

Screenshot of the AWS EC2 Instances page showing a list of running instances.

The page displays 7 instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IP
k8s-master	i-049804f6a65c8f459	Running	t3.medium	3/3 checks passed	View alarms +	ap-south-1b	ec2-65-2-6-73.ap-south...	65.2.6.73
k8s-worker-2	i-0f294d89c45eb76ca	Running	t3.medium	3/3 checks passed	View alarms +	ap-south-1b	ec2-13-203-201-75.ap...	13.203.2C
jenkins-server	i-03f5102490988e312	Running	t3.medium	3/3 checks passed	View alarms +	ap-south-1b	ec2-13-127-69-60.ap-s...	13.127.65
jenkins-agent	i-0bbf7c1a5578eb7b6	Running	t3.medium	3/3 checks passed	View alarms +	ap-south-1b	ec2-43-204-235-34.ap...	43.204.23
k8s-worker-1	i-0be68eec1320febdd	Stopped	t3.medium	-	View alarms +	ap-south-1b	-	-
ansible_node	i-0f619eb1a5ff1d49f	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-3-108-221-37.ap-s...	3.108.221
Monitoring_se...	i-07c8b781b7752c815	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-13-201-38-33.ap-s...	13.201.3E

Actions buttons include Connect, Instance state dropdown, Actions dropdown, and Launch instances.

Filter bar: Find Instance by attribute or tag (case-sensitive) and All states dropdown.

Last updated: 43 minutes ago.

EC2 navigation pane includes: Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), and Elastic Block Store (Volumes, Snapshots, Lifecycle Manager).

Bottom navigation: CloudShell, Feedback, © 2025, Amazon Web Services, Inc. or its affiliates., Privacy, Terms, Cookie preferences.

System tray icons: Search, File Explorer, Word, Google Chrome, Visual Studio Code, WhatsApp (25 notifications), and Task View.

## Phase 2-Automation of Application Builds & Deployments

Class | Dash | Finan | Insta | [\](#) | Inbo | Test | (474) | akki5 | CBS | Block | Goo | App | Pass | + - ⌂ X

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

github.com/akki5175/star-agile-banking-finance/settings/hooks

akki5175 / star-agile-banking-finance

Type  to search

Code Pull requests Actions Projects Wiki Security Insights Settings

Okay, that hook was successfully created. We sent a ping payload to test it out! Read more about it at <https://docs.github.com/webhooks/#ping-event>.

**General**

## Webhooks

Add webhook

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Models

Preview

✓ <http://13.127.69.60:8080/github-webhook/push> (push)

Last delivery was successful.

Edit Delete

Search

23:58  
ENG IN  
29-06-2025

github.com/akki5175/star-agile-banking-finance/tree/master

Name	Last commit message	Last commit date
.mvn/wrapper	finance-me committed	3 years ago
src	adjusted for selenium implementation and updated testcases	3 years ago
.DS_Store	adjusted for selenium implementation and updated testcases	3 years ago
.gitignore	finance-me committed	3 years ago
Dockerfile	Dockerfile added	3 years ago
README.md	Create README.md	4 hours ago
WEhooktrigger.txt	Create WEhooktrigger.txt	4 hours ago
ansible-playbook.yml	adjusted for selenium implementation and updated testcases	3 years ago
k8s-deployment.yaml	Create k8s-deployment.yaml	20 hours ago
mvnw	finance-me committed	3 years ago
mvnw.cmd	finance-me committed	3 years ago
pom.xml	finance-me committed	3 years ago

Search

ENG IN 05:14 30-06-2025

The screenshot shows a GitHub repository page for 'star-agile-banking-finance' in the 'master' branch. The repository contains several files:

- README.md: Create README.md 4 hours ago
- WEhooktrigger.txt: Create WEhooktrigger.txt 4 hours ago
- ansible-playbook.yml: adjusted for selenium implementation and updated testcases 3 years ago
- k8s-deployment.yaml: Create k8s-deployment.yaml 20 hours ago
- mvnw: finance-me committed 3 years ago
- mvnw.cmd: finance-me committed 3 years ago
- pom.xml: finance-me committed 3 years ago

The 'README.md' file content is:

```
I am using this project for checking and testing my devops Skills. By automating the complete process using cicd pipeline and docker and kubernetes cluster
```

At the bottom, the taskbar shows various pinned icons and system status.

Class\_No Dash Finance\_ Instances star-agile Inbox (14) (4753) To akki5175 CBS Blockcha SA25020 + - X

Not secure 13.127.69.60:8080

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Jenkins

Dashboard >

+ New Item Add description

Build History Project Relationship Check File Fingerprint Manage Jenkins My Views

All + Weather report showing aggregated status of recent builds

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	☀️	Finance_me	4 hr 41 min #11	4 hr 56 min #9	47 sec

Build Queue Icon: S M L

No builds in the queue.

Build Executor Status Built-In Node 0/2

Search

05:16 30-06-2025

ENG IN

The screenshot shows a web browser window with the address bar displaying "Not secure 13.127.69.60:8080/job/Finance\_me/configure". The main content is the Jenkins Configuration page for the "Finance\_me" job under the "Configuration" section.

**Configure**

**General**

Enabled

**Description**

here..... main pipeline begins

[Plain text](#) [Preview](#)

Discard old builds [?](#)

Do not allow concurrent builds

**Save** **Apply**

At the bottom, the taskbar shows various application icons and system status indicators, including the date and time (05:17 30-06-2025).

Class\_No Final Finance\_ Instances star-agile Inbox (14) (4753) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

Set up automated actions that start your build based on specific events, like code changes or scheduled times.

## Configure

General

Triggers

Pipeline

Advanced

Build after other projects are built ?

Build periodically ?

Generic Webhook Trigger ?

GitHub hook trigger for GITScm polling ?

Poll SCM ?

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

---

### Pipeline

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script

Save Apply

05:17 30-06-2025

Class\_No Final Finance\_ Instances star-agile Inbox (14) (4753) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

## Configure

### Pipeline script

Script ?

```
1 pipeline {  
2     agent any  
3  
4     environment {  
5         DOCKERHUB_CREDENTIALS = credentials('dockerhub-creds')  
6     }  
7  
8     stages {  
9         stage('SCM Checkout') {  
10            steps {  
11                echo 'SCM Checkout...'  
12                git 'https://github.com/akki5175/star-agile-banking-finance.git'  
13            }  
14        }  
15    }
```

Save Apply

Search

05:17 30-06-2025

Class\_No Final Finance\_ Instances star-agile Inbox (14) (4753) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

## Configure

### Pipeline script

Script ?

```
14      }
15
16      stage('Application Build') {
17          steps {
18              echo 'Building the App...'
19              sh 'mvn clean package'
20          }
21      }
22
23      stage('Docker Build & Push') {
24          steps {
25              withCredentials([usernamePassword(credentialsId: 'dockerhub-creds', usernameVar
26                  sh '''
27                      echo "$PASSWORD" | docker login -u "$USERNAME" --password-stdin
28
```

Save Apply

05:18 30-06-2025

Class\_No Final Finance\_ Instances star-agile Inbox (14) (4755) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

## Configure

### Pipeline script

Script ?

```
22
23    stage('Docker Build & Push') {
24        steps {
25            withCredentials([usernamePassword(credentialsId: 'dockerhub-creds', usernameVar
26                sh """
27                    echo "$PASSWORD" | docker login -u "$USERNAME" --password-stdin
28                    docker build -t akki5175/finance_me:${BUILD_NUMBER} .
29                    docker tag akki5175/finance_me:${BUILD_NUMBER} akki5175/finance_me:late
30                    docker push akki5175/finance_me:${BUILD_NUMBER}
31                    docker push akki5175/finance_me:latest
32                    docker image ls
33                    ...
34                }
35            }
36        }
```

Save Apply

Search

05:18 30-06-2025

S Class\_No Final X Finance\_ Instances star-agile Inbox (14) (4755) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

## Configure

### Pipeline script

Script ?

```
38      stage('Deploy to Kubernetes') {  
39          steps {  
40              script {  
41                  sshPublisher(publishers: [  
42                      sshPublisherDesc(  
43                          configName: 'kubeadm',  
44                          transfers: [  
45                              sshTransfer(  
46                                  sourceFiles: 'k8s-deployment.yaml',  
47                                  remoteDirectory: '/root/',  
48                                  execCommand: 'kubectl apply -f /root/k8s-deployment.yaml',  
49                                  execTimeout: 120000  
50                          )  
51                      ],  
52                      usePromotionTimestamp: false  
53                  )  
54              }  
55          }  
56      }
```

Save Apply

Search

05:18 30-06-2025

Class\_No Final Finance\_ Instances star-agile Inbox (14) (4755) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

## Configure

### Pipeline script

Script ?

```
49          execTimeout: 120000
50
51      )
52      ],
53      usePromotionTimestamp: false,
54      useWorkspaceInPromotion: false,
55      verbose: true
56  )
57  }
58  }
59  }
60  }
61
62  post {
63    success {
```

Save Apply

05:18 30-06-2025

Class\_No Final Finance\_ Instances star-agile Inbox (14) (4755) To akki5175 CBS Blockchain SA25020 + - X

Not secure 13.127.69.60:8080/job/Finance\_me/configure

Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > Configuration

## Configure

Pipeline script

Script ?

```
62 post {  
63     success {  
64         mail to: 'akki5175@gmail.com',  
65         subject: "Build Success: ${env.JOB_NAME} #${env.BUILD_NUMBER}",  
66         body: "Pipeline ran successfully.\nCheck logs: ${env.BUILD_URL}"  
67     }  
68     failure {  
69         mail to: 'akki5175@gmail.com',  
70         subject: "Build Failed: ${env.JOB_NAME} #${env.BUILD_NUMBER}",  
71         body: "Something went wrong.\nCheck logs: ${env.BUILD_URL}"  
72     }  
73 }  
74 }  
75 }
```

Save Apply

Search

05:18 30-06-2025

The screenshot shows a web browser window with a dark theme. The address bar displays the URL [13.127.69.60:8080/job/Finance\\_me/](http://13.127.69.60:8080/job/Finance_me/). The page content is a list of messages, likely from a messaging application. The messages are organized by date: "Today" and "June 28, 2025". Each message is preceded by a small circular icon indicating its status (green checkmark, red X, orange exclamation mark). The messages themselves are numbered (#1 to #11) and include the timestamp.

Date	Message ID	Timestamp
Today	#11	7:03 PM
Today	#10	6:55 PM
Today	#9	6:49 PM
Today	#8	1:29 PM
Today	#7	4:13 AM
Today	#6	12:11 AM
Today	#5	12:08 AM
Today	#4	12:04 AM
June 28, 2025	#3	11:57 PM
June 28, 2025	#2	11:49 PM
June 28, 2025	#1	11:13 PM

At the bottom of the browser window, the taskbar shows various pinned icons and the system tray displays the date and time (05:18, 30-06-2025), along with connectivity and battery status.

Not secure 13.127.69.60:8080/job/Finance\_me/10/console

## Console Output

```
Started by user Akshay kumar
[Pipeline] Start of Pipeline
[Pipeline] node
Running on slave_build_node1 in /home/dev_jslave/workspace/Finance_me
[Pipeline] {
[Pipeline] withCredentials
Masking supported pattern matches of $DOCKERHUB_CREDENTIALS or $DOCKERHUB_CREDENTIALS_PSW
[Pipeline] {
[Pipeline] stage
[Pipeline] { (SCM Checkout)
[Pipeline] echo
SCM Checkout...
[Pipeline] git
The recommended git tool is: NONE
No credentials specified
Fetching changes from the remote Git repository
Checking out Revision 2def8891753f34585839b260cb62eb7cb355b5a4 (refs/remotes/origin/master)
Commit message: "Create README.md"
```

Class\_No | Finance\_ | Final | Instances | star-agile | Inbox (14) | (4755) To | akki5175 | CBS | Blockchain | SA25020 | + - X

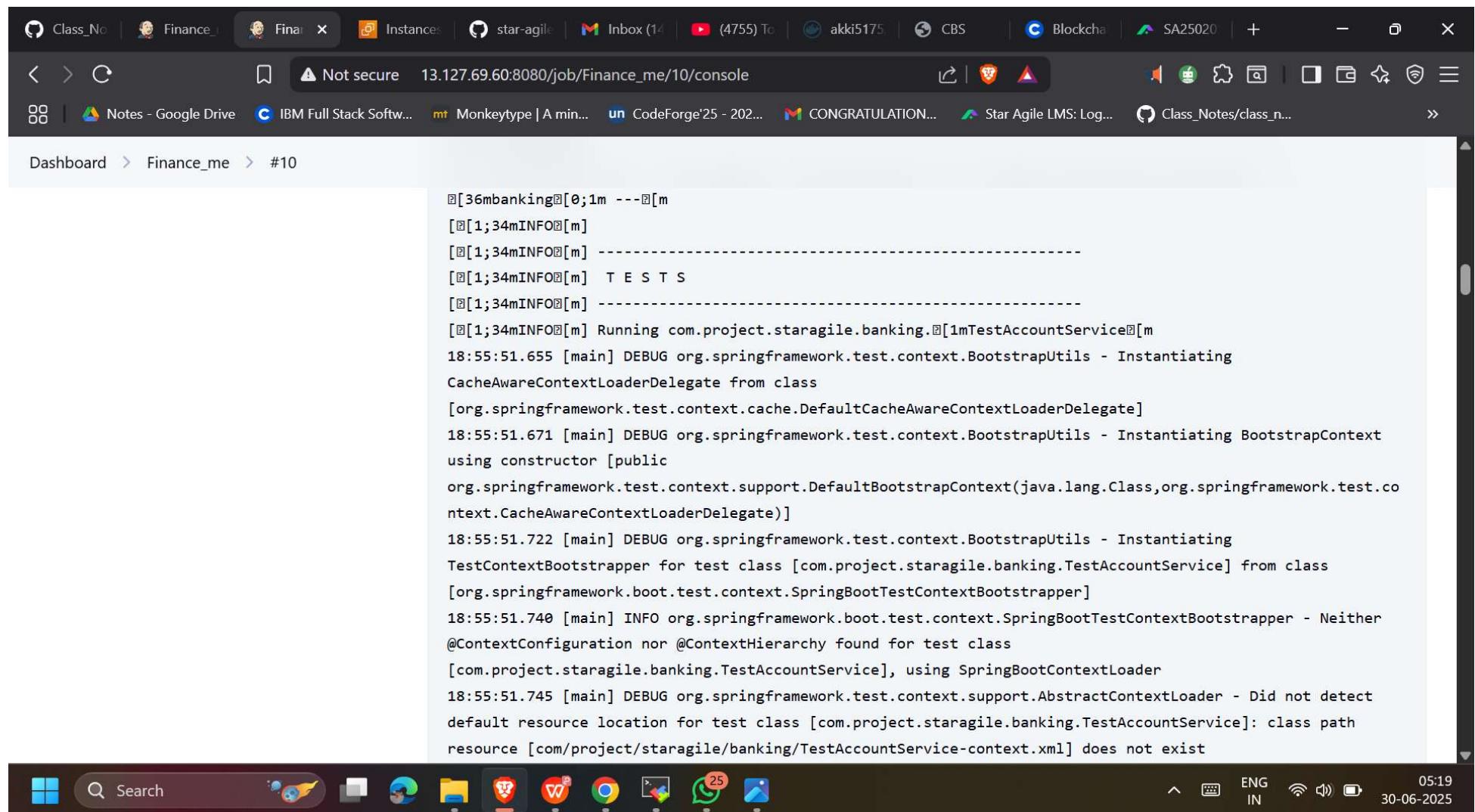
Not secure 13.127.69.60:8080/job/Finance\_me/10/console

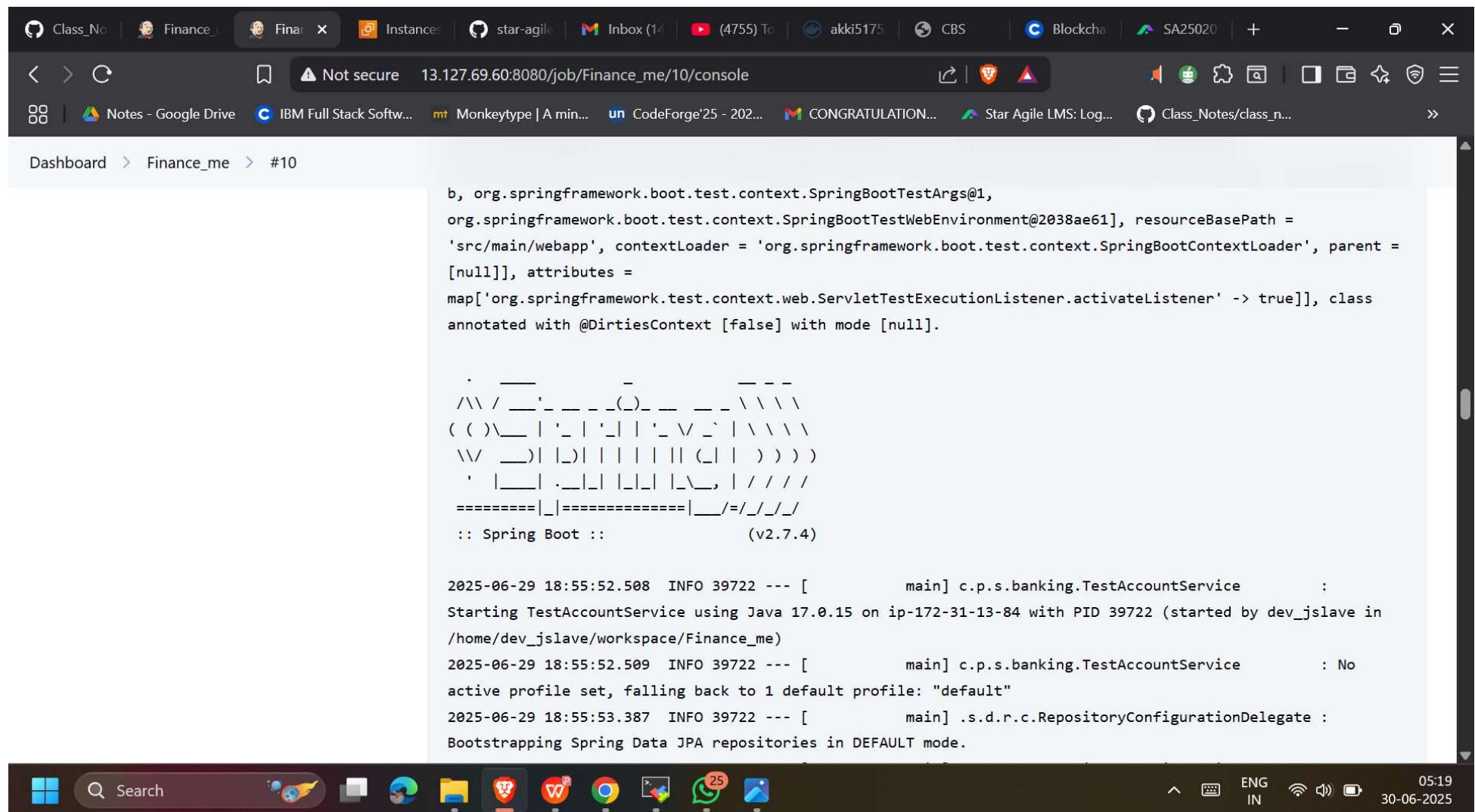
Notes - Google Drive IBM Full Stack Softw... Monkeytype | A min... CodeForge'25 - 202... CONGRATULATION... Star Agile LMS: Log... Class\_Notes/class\_n...

Dashboard > Finance\_me > #10

```
Building the App...
[Pipeline] sh
+ mvn clean package
[1;34mINFO[m] Scanning for projects...
[1;34mINFO[m]
[1;34mINFO[m] [1m-----< 0;36mcom.project.staragile:banking[0;1m >-----
-[m
[1;34mINFO[m] [1mBuilding banking 0.0.1-SNAPSHOT[m
[1;34mINFO[m] [1m-----[ jar ]-----[m
[1;34mINFO[m]
[1;34mINFO[m] [1m--- 0;32mmaven-clean-plugin:3.2.0:clean[m [1m(default-clean)[m @
[36mbanking[0;1m ---[m
[1;34mINFO[m] Deleting /home/dev_jslave/workspace/Finance_me/target
[1;34mINFO[m]
[1;34mINFO[m] [1m--- 0;32mmaven-resources-plugin:3.2.0:resources[m [1m(default-resources)[m @
[36mbanking[0;1m ---[m
[1;34mINFO[m] Using 'UTF-8' encoding to copy filtered resources.
[1;34mINFO[m] Using 'UTF-8' encoding to copy filtered properties files.
[1;34mINFO[m] Copying 1 resource
[1;34mINFO[m] Copying 81 resources
[1;34mINFO[m]
[1;34mINFO[m] [1m--- 0;32mmaven-compiler-plugin:3.10.1:compile[m [1m(default-compile)[m @
```

Search ⚡ 📂 📎 📥 📱 📺 📲 📴 📵 05:19 ENG IN 30-06-2025





Class\_No | Finance\_ | Final | Instances | star-agile | Inbox (14) | (4755) To | akki5175 | CBS | Blockchain | SA25020 | +

< > C ⚠ Not secure 13.127.69.60:8080/job/Finance\_me/10/console

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Dashboard > Finance\_me > #10

```
[1;34mINFO[m] [1m-- [0;32mspring-boot-maven-plugin:2.7.4:repackage[m [1m(repackage)[m @
[36mbanking[0;1m ---[m
[1;34mINFO[m] Replacing main artifact with repackaged archive
[1;34mINFO[m] [1m-----
[1;34mINFO[m] [1;32mBUILD SUCCESS[m
[1;34mINFO[m] [1m-----
[1;34mINFO[m] Total time: 12.390 s
[1;34mINFO[m] Finished at: 2025-06-29T18:55:59Z
[1;34mINFO[m] [1m-----
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Docker Build & Push)
[Pipeline] withCredentials
Masking supported pattern matches of $PASSWORD
[Pipeline] {
[Pipeline] sh
+ docker login -u akki5175 --password-stdin
+ echo ****
WARNING! Your password will be stored unencrypted in /home/dev_jslave/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credential-stores
```

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A screenshot of a Windows desktop environment. At the top, a taskbar shows various pinned icons and open windows. The main focus is a Microsoft Edge browser window displaying a Docker build log. The URL in the address bar is `13.127.69.60:8080/job/Finance_me/10/console`. The browser interface includes standard navigation buttons, a search bar, and a tab bar with multiple tabs open.

The Docker build log content is as follows:

```
[Pipeline] {  
[Pipeline] sh  
+ docker login -u akki5175 --password-stdin  
+ echo ****  
WARNING! Your password will be stored unencrypted in /home/dev_jslave/.docker/config.json.  
Configure a credential helper to remove this warning. See  
https://docs.docker.com/engine/reference/commandline/login/#credential-stores  
  
Login Succeeded  
+ docker build -t akki5175/finance_me:10 .  
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.  
Install the buildx component to build images with BuildKit:  
https://docs.docker.com/go/buildx/  
  
Sending build context to Docker daemon 58.53MB  
  
Step 1/4 : FROM openjdk:11  
--> 47a932d998b7  
Step 2/4 : ARG JAR_FILE=target/*.jar  
--> Using cache  
--> 71895e1ba09d  
Step 3/4 : COPY ${JAR_FILE} app.jar
```

At the bottom, the Windows taskbar displays the Start button, a search bar, and several pinned application icons. The system tray shows the date (30-06-2025), time (05:19), battery status, signal strength, and language settings (ENG IN).

Not secure 13.127.69.60:8080/job/Finance\_me/10/console

```
293d5db30c9f: Layer already exists
9c742cd6c7a5: Layer already exists
03127cdb479b: Layer already exists
latest: digest: sha256:06cf03f61bf1db59291a51214c6ed8ebaa3703c18786089e22c76911424ad1d4 size: 2007
+ docker image ls
REPOSITORY          TAG        IMAGE ID      CREATED       SIZE
akki5175/finance_me 10         c6ddb4e1cd36  23 seconds ago  696MB
akki5175/finance_me latest     c6ddb4e1cd36  23 seconds ago  696MB
akki5175/finance_me 8          9e9210968e6b  5 hours ago   696MB
akki5175/finance_me 7          586b5431aa41  15 hours ago  696MB
akki5175/finance_me 6          5b4670f5f380  19 hours ago  696MB
openjdk              11         47a932d998b7  2 years ago   654MB
[Pipeline] 
[Pipeline] // withCredentials
[Pipeline] 
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy to Kubernetes)
[Pipeline] script
[Pipeline] {
[Pipeline] sshPublisher
SSH: Connecting from host [ip-172-31-13-84]
```

Dashboard > Finance\_me > #10

```
SSH: Connecting from host [ip-172-31-13-84]
SSH: Connecting with configuration [kubeadm] ...
SSH: Creating session: username [root], hostname [172.31.7.239], port [22]
SSH: Connecting session ...
SSH: Connected
SSH: Opening SFTP channel ...
SSH: SFTP channel open
SSH: Connecting SFTP channel ...
SSH: Connected
SSH: cd [/root]
SSH: OK
SSH: cd [/root]
SSH: OK
SSH: cd [root/]
SSH: OK
SSH: put [k8s-deployment.yaml]
SSH: Opening exec channel ...
SSH: EXEC: channel open
SSH: EXEC: STDOUT/STDERR from command [kubectl apply -f /root/k8s-deployment.yaml] ...
SSH: EXEC: connected
deployment.apps/finance-app-deployment unchanged
service/finance-app-service unchanged
```

05:19  
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30-06-2025

The screenshot shows a web browser window displaying Jenkins job logs. The URL in the address bar is `Not secure 13.127.69.60:8080/job/Finance_me/10/console`. The page title is "Dashboard > Finance\_me > #10". The logs output is as follows:

```
[Pipeline] // stage
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
SSH: EXEC: completed after 400 ms
SSH: Disconnecting configuration [kubeadm] ...
SSH: Transferred 1 file(s)
[Pipeline] mail
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

In the bottom right corner of the browser window, it says "REST API" and "Jenkins 2.504.3". The taskbar at the bottom of the screen shows various application icons, including a search bar, file explorer, and browser.

The screenshot shows a web browser window displaying a list of Docker tags for a repository on hub.docker.com. The repository is akki5175/finance\_me. The tags listed are latest, 11, and 10. Each tag entry includes a digest (f8d1b1de5923), OS/ARCH (linux/amd64), Last pull (less than 1 day), and Compressed size (353.3 MB). A tooltip for each tag provides the command to pull the image: docker pull akki5175/finance\_me:latest, docker pull akki5175/finance\_me:11, and docker pull akki5175/finance\_me:10.

Pulls

Storage

TAG

[latest](#)

Last pushed 15 minutes by [akki5175](#)

Digest [f8d1b1de5923](#) OS/ARCH linux/amd64 Last pull less than 1 day Compressed size 353.3 MB

TAG

[11](#)

Last pushed 15 minutes by [akki5175](#)

Digest [f8d1b1de5923](#) OS/ARCH linux/amd64 Last pull less than 1 day Compressed size 353.3 MB

TAG

[10](#)

Last pushed 24 minutes by [akki5175](#)

docker pull akki5175/finance\_me:latest

docker pull akki5175/finance\_me:11

docker pull akki5175/finance\_me:10

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Class\_No | Finance\_1 | Finance\_2 | Instances | star-agile | Inbox (14) | (4755) To akki CBS Blockchain SA25020 + - X

hub.docker.com/repository/docker/akki5175/finance\_me/tags ↲ 🔍 ⚡

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**TAG**

10 Last pushed 24 minutes by [akki5175](#)

**Digest** OS/ARCH **Last pull** **Compressed size**

[06cf03f61bf1](#) linux/amd64 less than 1 day 353.3 MB

**TAG**

8 Last pushed about 6 hours by [akki5175](#)

**Digest** OS/ARCH **Last pull** **Compressed size**

[d059a89bb32f](#) linux/amd64 less than 1 day 353.3 MB

**TAG**

7 Last pushed about 15 hours by [akki5175](#)

**Digest** OS/ARCH **Last pull** **Compressed size**

[037ed848hf21](#) linux/amd64 less than 1 day 353.3 MB

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```
docker pull akki5175/finance_me:10
```

```
docker pull akki5175/finance_me:8
```

```
docker pull akki5175/finance_me:7
```

master

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect...

2.master 4.worker2 6.jenkins agent

Usage of /: 88.8% of 6.71GB Processes: 135  
Memory usage: 26% Users logged in: 1  
Swap usage: 0% IPv4 address for ens5: 172.31.7.239

=> / is using 88.8% of 6.71GB

\* Ubuntu Pro delivers the most comprehensive open source security and compliance features.

<https://ubuntu.com/aws/pro>

Expanded Security Maintenance for Applications is not enabled.

173 updates can be applied immediately.  
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.  
See <https://ubuntu.com/esm> or run: sudo pro status

\*\*\* System restart required \*\*\*  
Pending kernel upgrade!  
Running kernel version:  
6.8.0-1008-aws  
Diagnostics:  
The currently running kernel version is not the expected kernel version 6.8.0-1030-aws.  
Last login: Sun Jun 29 21:43:15 2025 from 152.56.68.103  
ubuntu@kmaster-node:~\$ sudo -i  
root@kmaster-node:~# kubectl get nodes

NAME	STATUS	ROLES	AGE	VERSION
kmaster-node	Ready	control-plane	10h	v1.29.15
kworker2-node	Ready	<none>	10h	v1.29.15

root@kmaster-node:~#

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master

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X server Exit

Quick connect...

2. master 4. worker2 6. jenkins agent

/home/ubuntu/

Name

- ..
- .cache
- .ssh
- .bash\_history
- .bash\_logout
- .bashrc
- .profile
- .sudo\_as\_admin\_successful
- .Xauthority

compliance features.

<https://ubuntu.com/aws/pro>

Expanded Security Maintenance for Applications is not enabled.

173 updates can be applied immediately.  
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.  
See <https://ubuntu.com/esm> or run: sudo pro status

\*\*\* System restart required \*\*\*  
Pending kernel upgrade!  
Running kernel version:  
6.8.0-1008-aws  
Diagnostics:  
The currently running kernel version is not the expected kernel version 6.8.0-1030-aws.  
Last login: Sun Jun 29 21:43:15 2025 from 152.56.68.103  
ubuntu@kmaster-node:~\$ sudo -i

```
root@kmaster-node:~# kubectl get nodes
NAME           STATUS   ROLES      AGE    VERSION
kmaster-node   Ready    control-plane   10h   v1.29.15
kworker2-node  Ready    <none>     10h   v1.29.15
root@kmaster-node:~# kubectl get pod -o wide
NAME                               READY   STATUS    RESTARTS   AGE     IP          NODE   NOMINATED NODE
READINESS GATES
finance-app-deployment-55c68bb69d-cx822  1/1    Running   0          10h   10.244.1.2   kworker2-node  <none>
<none>
finance-app-deployment-55c68bb69d-hbw72  1/1    Running   0          10h   10.244.1.3   kworker2-node  <none>
<none>
root@kmaster-node:~#
```

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master

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X server Exit

Quick connect...

2. master 4. worker2 6. jenkins agent

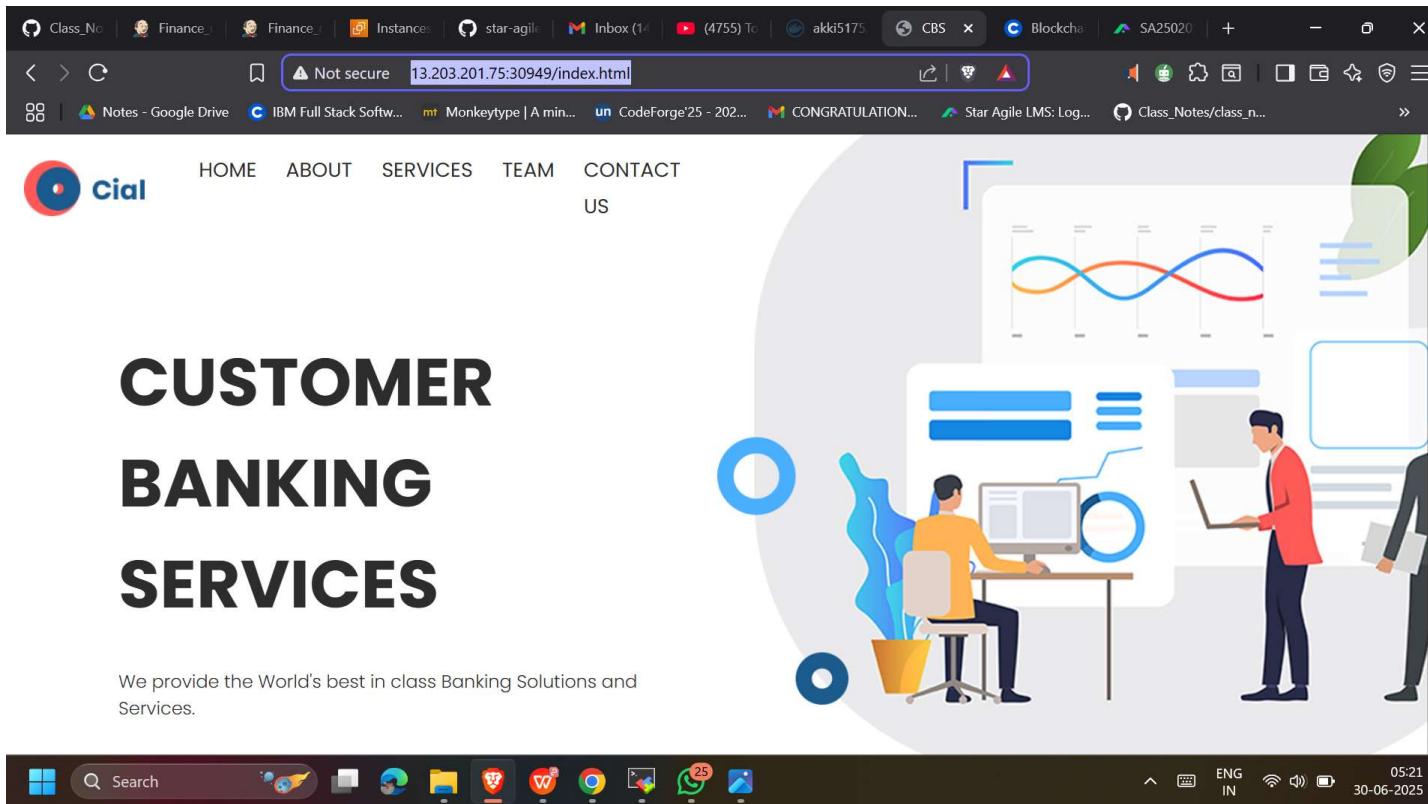
\*\*\* System restart required \*\*\*  
Pending kernel upgrade!  
Running kernel version:  
6.8.0-1008-aws  
Diagnostics:  
The currently running kernel version is not the expected kernel version 6.8.0-1030-aws.  
Last login: Sun Jun 29 21:43:15 2025 from 152.56.68.103  
ubuntu@kmaster-node:~\$ sudo -i  
root@kmaster-node:~# kubectl get nodes  
NAME STATUS ROLES AGE VERSION  
kmaster-node Ready control-plane 10h v1.29.15  
kworker2-node Ready <none> 10h v1.29.15  
root@kmaster-node:~# kubectl get pod -o wide  
NAME READY STATUS RESTARTS AGE IP NODE NOMINATED NODE  
READINESS GATES  
finance-app-deployment-55c68bb69d-cx822 1/1 Running 0 10h 10.244.1.2 kworker2-node <none>  
<none>  
finance-app-deployment-55c68bb69d-hbw72 1/1 Running 0 10h 10.244.1.3 kworker2-node <none>  
<none>  
root@kmaster-node:~# kubectl get pod -o wide  
NAME READY STATUS RESTARTS AGE IP NODE NOMINATED NODE  
READINESS GATES  
finance-app-deployment-55c68bb69d-cx822 1/1 Running 0 10h 10.244.1.2 kworker2-node <none>  
<none>  
finance-app-deployment-55c68bb69d-hbw72 1/1 Running 0 10h 10.244.1.3 kworker2-node <none>  
<none>  
root@kmaster-node:~# kubectl get svc  
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE  
finance-app-nodeport NodePort 10.96.252.192 <none> 8081:30949/TCP 8h  
finance-app-service NodePort 10.107.2.246 <none> 80:30008/TCP 10h  
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 10h  
root@kmaster-node:~#

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# Deployed successfully



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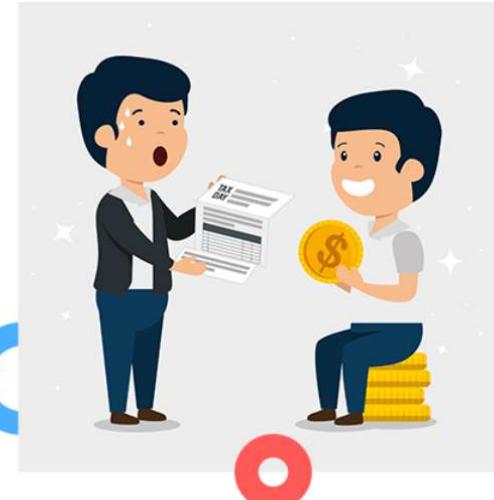
< > C ⚡ Not secure 13.203.201.75:30949/index.html

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mail.google.com/mail/u/0/#inbox/ FMfcgzQbfxfSTFQvwgpSbpFLzkMWchR ↗ | ⚡ 🚀

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Gmail Search mail

Compose

Inbox 14,701

Starred Snoozed Sent Drafts 16 More

Labels Notes

Build Success: Finance\_me #10 Inbox x

address not configured yet <akkitg5175@gmail.com>  
to me ▾

12:26 AM (4 hours ago)

Pipeline ran successfully.  
Check logs: [http://13.201.102.215:8080/job/Finance\\_me/10/](http://13.201.102.215:8080/job/Finance_me/10/)

Reply Forward

Upgrade →

Search

05:26 ENG IN 30-06-2025

S Class\_No | Finance\_1 | Finance\_2 | Instances | star-agile | Build | YouTube (4755) To | akki5175 | CBS | Blockchain | SA25020 | + - X

< > C mail.google.com/mail/u/0/#inbox/ FMfcgzQbfxfSTGXHgdprbfzvsWcDdFIW ↗ | 📺 🚫

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Gmail Search mail

Compose

Inbox 14,701

Starred

Snoozed

Sent

Drafts 16

More

Labels

Notes

Build Success: Finance\_me #11 Inbox x

address not configured yet <akkig5175@gmail.com>  
to me ▾

12:34 AM (4 hours ago)

Pipeline ran successfully.  
Check logs: [http://13.201.102.215:8080/job/Finance\\_me/11/](http://13.201.102.215:8080/job/Finance_me/11/)

Reply Forward

① Upgrade →

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## Phase 3-Monitoring of Infra-Structure

worker2

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect...

2. master 4. worker2 6. jenkins agent 7. moniter\_noe

/home/ubuntu/

Name

- ..
- .cache
- .ssh
- .bash\_history
- .bash\_logout
- .bashrc
- .profile
- .sudo\_as\_admin\_successful
- .Xauthority

Remote monitoring

Follow terminal folder

```
# TYPE process_cpu_seconds_total counter
process_cpu_seconds_total 0
# HELP process_max_fds Maximum number of open file descriptors.
# TYPE process_max_fds gauge
process_max_fds 524288
# HELP process_open_fds Number of open file descriptors.
# TYPE process_open_fds gauge
process_open_fds 8
# HELP process_resident_memory_bytes Resident memory size in bytes.
# TYPE process_resident_memory_bytes gauge
process_resident_memory_bytes 1.4024704e+07
# HELP process_start_time_seconds Start time of the process since unix epoch in seconds.
# TYPE process_start_time_seconds gauge
process_start_time_seconds 1.75123528125e+09
# HELP process_virtual_memory_bytes Virtual memory size in bytes.
# TYPE process_virtual_memory_bytes gauge
process_virtual_memory_bytes 1.269530624e+09
# HELP process_virtual_memory_max_bytes Maximum amount of virtual memory available in bytes.
# TYPE process_virtual_memory_max_bytes gauge
process_virtual_memory_max_bytes 1.8446744073709552e+19
# HELP promhttp_metric_handler_errors_total Total number of internal errors encountered by the promhttp metric handler.
# TYPE promhttp_metric_handler_errors_total counter
promhttp_metric_handler_errors_total{cause="encoding"} 0
promhttp_metric_handler_errors_total{cause="gathering"} 0
# HELP promhttp_metric_handler_requests_in_flight Current number of scrapes being served.
# TYPE promhttp_metric_handler_requests_in_flight gauge
promhttp_metric_handler_requests_in_flight 1
# HELP promhttp_metric_handler_requests_total Total number of scrapes by HTTP status code.
# TYPE promhttp_metric_handler_requests_total counter
promhttp_metric_handler_requests_total{code="200"} 0
promhttp_metric_handler_requests_total{code="500"} 0
promhttp_metric_handler_requests_total{code="503"} 0
ubuntu@kworker2-node:/tmp$
```

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03:44 30-06-2025

moniter\_noe

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Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect...

2.master 4.worker2 6.jenkins agent 7.moniter\_noe

/home/ubuntu/

Name

- ..
- .cache
- .ssh
- .bash\_logout
- .bashrc
- .profile
- .Xauthority

# HELP process\_max\_fds Maximum number of open file descriptors.  
# TYPE process\_max\_fds gauge  
process\_max\_fds 524288  
# HELP process\_open\_fds Number of open file descriptors.  
# TYPE process\_open\_fds gauge  
process\_open\_fds 8  
# HELP process\_resident\_memory\_bytes Resident memory size in bytes.  
# TYPE process\_resident\_memory\_bytes gauge  
process\_resident\_memory\_bytes 1.6384e+07  
# HELP process\_start\_time\_seconds Start time of the process since unix epoch in seconds.  
# TYPE process\_start\_time\_seconds gauge  
process\_start\_time\_seconds 1.75123528125e+09  
# HELP process\_virtual\_memory\_bytes Virtual memory size in bytes.  
# TYPE process\_virtual\_memory\_bytes gauge  
process\_virtual\_memory\_bytes 1.269792768e+09  
# HELP process\_virtual\_memory\_max\_bytes Maximum amount of virtual memory available in bytes.  
# TYPE process\_virtual\_memory\_max\_bytes gauge  
process\_virtual\_memory\_max\_bytes 1.8446744073709552e+19  
# HELP promhttp\_metric\_handler\_errors\_total Total number of internal errors encountered by the promhttp metric handler.  
# TYPE promhttp\_metric\_handler\_errors\_total counter  
promhttp\_metric\_handler\_errors\_total{cause="encoding"} 0  
promhttp\_metric\_handler\_errors\_total{cause="gathering"} 0  
# HELP promhttp\_metric\_handler\_requests\_in\_flight Current number of scrapes being served.  
# TYPE promhttp\_metric\_handler\_requests\_in\_flight gauge  
promhttp\_metric\_handler\_requests\_in\_flight 1  
# HELP promhttp\_metric\_handler\_requests\_total Total number of scrapes by HTTP status code.  
# TYPE promhttp\_metric\_handler\_requests\_total counter  
promhttp\_metric\_handler\_requests\_total{code="200"} 1  
promhttp\_metric\_handler\_requests\_total{code="500"} 0  
promhttp\_metric\_handler\_requests\_total{code="503"} 0  
root@ip-172-31-43-141:~/prometheus-2.52.0.linux-amd64# sudo vi /etc/prometheus/prometheus.yml  
root@ip-172-31-43-141:~/prometheus-2.52.0.linux-amd64# sudo systemctl restart prometheus  
root@ip-172-31-43-141:~/prometheus-2.52.0.linux-amd64#

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Search

04:38 30-06-2025

The screenshot shows a browser window with two tabs open: "GitHub Webhook Jenkins Email" and "Prometheus Time Series Collector". The "Prometheus Time Series Collector" tab is active, displaying the URL `13.201.38.33:9090/graph?g0.expr=&g0.tab=1&g0.display_mode=lines&g0.show_exemplars=0&g0.range_input=1h`. The page has a dark theme and features a navigation bar with links for Prometheus, Alerts, Graph, Status, and Help. Below the navigation bar are several configuration checkboxes: "Use local time" (unchecked), "Enable query history" (unchecked), "Enable autocomplete" (checked), "Enable highlighting" (checked), and "Enable linter" (checked). A search bar contains the placeholder text "Expression (press Shift+Enter for newlines)". To the right of the search bar are buttons for "Execute" and "Table" (which is selected) or "Graph". A section titled "Evaluation time" includes a date range selector with arrows and a message "No data queried yet". On the far right of the panel is a "Remove Panel" button. At the bottom of the screen is a Windows taskbar with icons for File Explorer, Google Chrome, Microsoft Edge, Microsoft Word, Microsoft Excel, and Microsoft Paint. The system tray shows battery level, signal strength, and the date and time (03:22, 30-06-2025). The status bar also indicates the language is set to "ENG IN".

GitHub Webhook Jenkins Email × Prometheus Time Series Collector × Home - Dashboards - Grafana × +

Not secure 13.201.38.33:9090/targets?search=

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### Prometheus

Alerts Graph Status Help

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://172.31.13.84:9100/metrics">http://172.31.13.84:9100/metrics</a>	UP	instance="172.31.13.84:9100" job="jenkins-build-server" ▾	2.572s ago	14.527ms	

**k8s-prod-worker (1/1 up)** [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://172.31.7.205:9100/metrics">http://172.31.7.205:9100/metrics</a>	UP	instance="172.31.7.205:9100" job="k8s-prod-worker" ▾	1.751s ago	20.394ms	

**Discovered labels:**

- address\_ = "172.31.7.205:9100"
- metrics\_path\_ = "/metrics"
- scheme\_ = "http"
- scrape\_interval\_ = "15s"
- scrape\_timeout\_ = "10s"
- job="k8s-prod-worker"

Search             

ENG IN 04:21 30-06-2025

A screenshot of a web browser window showing the Grafana interface for creating a new dashboard. The browser tabs at the top include "GitHub Webhook Jenkins Email", "New dashboard - Dashboards", and "Prometheus Time Series Collect". The address bar shows the URL "13.201.38.33:3000/dashboard/new?orgId=1&from=now-6h&to=now&timezone=browser". Below the address bar, the browser's toolbar includes icons for back, forward, search, and other functions.

The main content area is the Grafana dashboard creation screen. On the left, a sidebar menu is open under the "Dashboards" heading, which is highlighted with an orange border. Other menu items include Home, Bookmarks, Starred, Explore, Drilldown (with a "New!" badge), Alerting, Connections (with sub-options for Add new connection and Data sources), and Administration.

The central area features a large text box with the heading "Start your new dashboard by adding a visualization". Below this, a sub-instruction reads: "Select a data source and then query and visualize your data with charts, stats and tables or create lists, markdowns and other widgets." A prominent blue button at the bottom of this section says "+ Add visualization".

At the bottom of the screen, there are two additional sections: "Import panel" and "Import a dashboard". The taskbar at the very bottom of the window shows various pinned application icons, including Microsoft Edge, File Explorer, Task View, FileZilla, Filezilla Sync, Microsoft Word, Google Chrome, Microsoft Visual Studio Code, and WhatsApp. The system tray on the right displays the date and time as "04:25 30-06-2025", along with icons for battery level, signal strength, and language settings.

GitHub Webhook Jenkins Email    New dashboard - Dashboards    Prometheus Time Series Collector

Not secure 13.201.38.33:3000/dashboard/new?orgId=1&from=now-6h&to=now&timezone=browser

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Grafana

- Home
- Bookmarks
- Starred
- Dashboards**
- Explore
- Drilldown New!
- Alerting
- Connections
  - Add new connection
  - Data sources
- Administration

Home > Dashboards > New dashboard

Select a data source and the visualization type you want to add.

**Save dashboard**

**Details**    Changes 6

**Title**  
New dashboard

**Description**

**Folder**  
Dashboards

Import panel  
Add visualizations that are shared between dashboards.

+ Add library panel

Cancel    Save

04:27 30-06-2025

Github Webhook Jenkins Email × Node Exporter Full - Dashboard × Prometheus Time Series Collector × +

Not secure 13.201.38.33:3000/d/rYddlPWk/node-exporter-full?orgId=1&from=now-24h&to=now&timezone=browser&var-DS\_PROMETHEUS=feqgo...

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Grafana Home Bookmarks Starred Dashboards Playlists Snapshots Library panels Shared dashboards Explore Drilldown New! Metrics Logs Traces Profiles Alerting Connections

Home > Dashboards > Node Exporter Full

Datasource prometheus Job jenkins-build-server Nodename ip-172-31-13-84 Instance 172.31.13.84:9100 GitHub Grafana

Last 24 hours Refresh 1m

Quick CPU / Mem / Disk

Pre...	CP...	Sy...	RA...	SW...	Ro...	C...	R...	U...
CPU   0.1%	CP   0.5%	Sy   3.0%	RA   19.7%	SW   N/A	Ro   62.9%	C   2	R   N/A	U   10.5 hours
M   0.0%	I/O   0.0%					R   7 GiB	R   4 GiB	S   0 B

Basic CPU / Mem / Net / Disk

CPU Basic Memory Basic

04:35 30-06-2025 ENG IN