CHIRIN BANU M

22CSR035

DEVOPS

DAY 5-TASK

JAVA APPLICATION DEPLOYMENT IN MINIKUBE:

1. Grant Jenkins User Sudo Access

echo "jenkins ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/jenkins

2. Restart SSH Services

sudo systemctl restart ssh.service

sudo systemctl restart sshd.service

3. Update and Install OpenSSH Server

sudo apt update

sudo apt install openssh-server -y

4. Restart and Check SSH Status

sudo systemctl restart ssh

sudo systemctl status ssh

5. Check SSH Service File Location

ls /etc/systemd/system/sshd.service

ls /usr/lib/systemd/system/sshd.service

6. Reload System Daemon

sudo systemctl daemon-reload

7. Restart SSH Service Again

sudo systemctl restart ssh.service

8. Check Minikube Certificate

cat /home/david/.minikube/ca.crt | base64 -w 0; echo

9. Fix Docker Socket Permission Issue

sudo chmod 666 /var/run/docker.sock

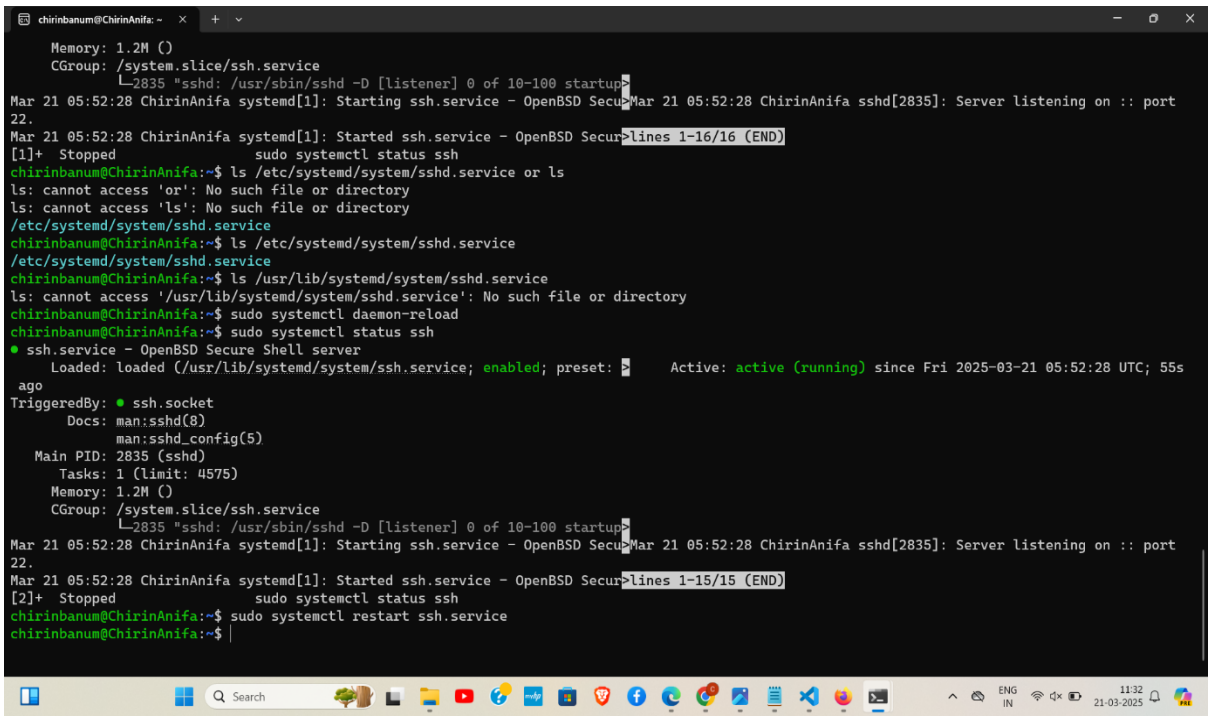
MINIKUBE SETUP:

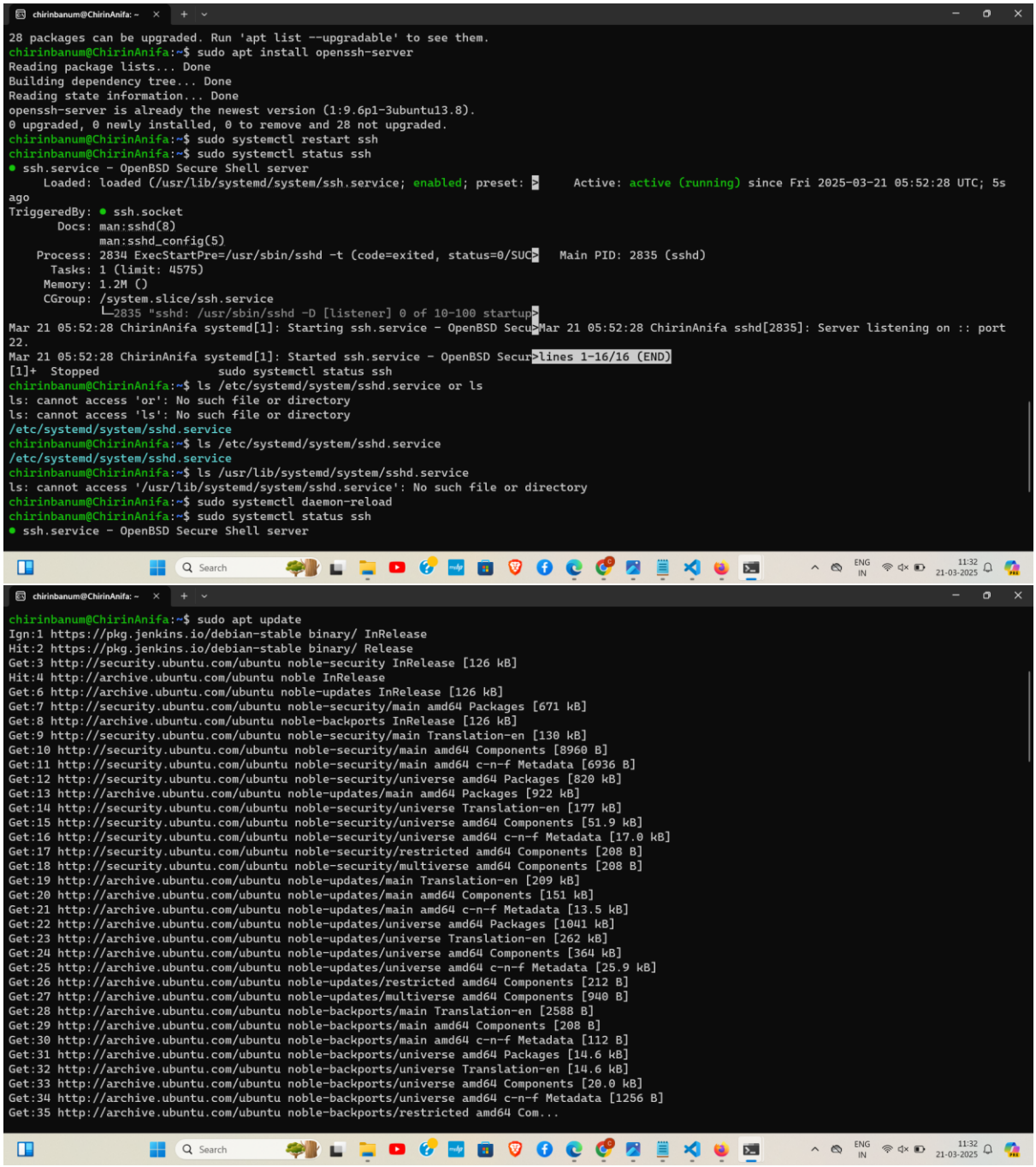
1. Start Minikube

minikube start

2. Check Minikube Status

minikube status




chirinbanum@ChirinAnifa: ~
28 packages can be upgraded. Run 'apt list --upgradable' to see them.
chirinbanum@ChirinAnifa:~$ sudo apt install openssh-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
openssh-server is already the newest version (1:9.6p1-3ubuntu13.8).
0 upgraded, 0 newly installed, 0 to remove and 28 not upgraded.
chirinbanum@ChirinAnifa:~$ sudo systemctl restart ssh
chirinbanum@ChirinAnifa:~$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset:
Active: active (running) since Fri 2025-03-21 05:52:28 UTC; 5s ago
TriggeredBy: ● ssh.socket
Docs: man:sshd(8)
man:sshd_config(5)
Process: 2834 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUC
Main PID: 2835 (sshd)
Tasks: 1 (limit: 4575)
Memory: 1.2M ()
CGroup: /system.slice/ssh.service
└─2835 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startup
Mar 21 05:52:28 ChirinAnifa systemd[1]: Starting ssh.service - OpenBSD Secu
Mar 21 05:52:28 ChirinAnifa sshd[2835]: Server listening on :: port 22.
Mar 21 05:52:28 ChirinAnifa systemd[1]: Started ssh.service - OpenBSD Secur
lines 1-16/16 (END)
[1]+ Stopped sudo systemctl status ssh
chirinbanum@ChirinAnifa:~$ ls /etc/systemd/system/sshd.service or ls
ls: cannot access 'or': No such file or directory
ls: cannot access 'ls': No such file or directory
/etc/systemd/system/sshd.service
chirinbanum@ChirinAnifa:~$ ls /etc/systemd/system/sshd.service
/etc/systemd/system/sshd.service
chirinbanum@ChirinAnifa:~$ ls /usr/lib/systemd/system/sshd.service
ls: cannot access '/usr/lib/systemd/system/sshd.service': No such file or directory
chirinbanum@ChirinAnifa:~$ sudo systemctl daemon-reload
chirinbanum@ChirinAnifa:~$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
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chirinbanum@ChirinAnifa: ~
chirinbanum@ChirinAnifa:~$ sudo apt update
Ign:1 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:2 https://pkg.jenkins.io/debian-stable binary/ Release
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:4 http://archive.ubuntu.com/ubuntu noble InRelease
Get:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [671 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [130 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8960 B]
Get:11 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [6936 B]
Get:12 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [820 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [922 kB]
Get:14 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [177 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [51.9 kB]
Get:16 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [17.0 kB]
Get:17 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [208 B]
Get:18 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:19 http://archive.ubuntu.com/ubuntu noble-updates/main Translation-en [209 kB]
Get:20 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:21 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [13.5 kB]
Get:22 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1041 kB]
Get:23 http://archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [262 kB]
Get:24 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [364 kB]
Get:25 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [25.9 kB]
Get:26 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:27 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:28 http://archive.ubuntu.com/ubuntu noble-backports/main Translation-en [2588 B]
Get:29 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:30 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:31 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [14.6 kB]
Get:32 http://archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [14.6 kB]
Get:33 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [20.0 kB]
Get:34 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1256 B]
Get:35 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Com...
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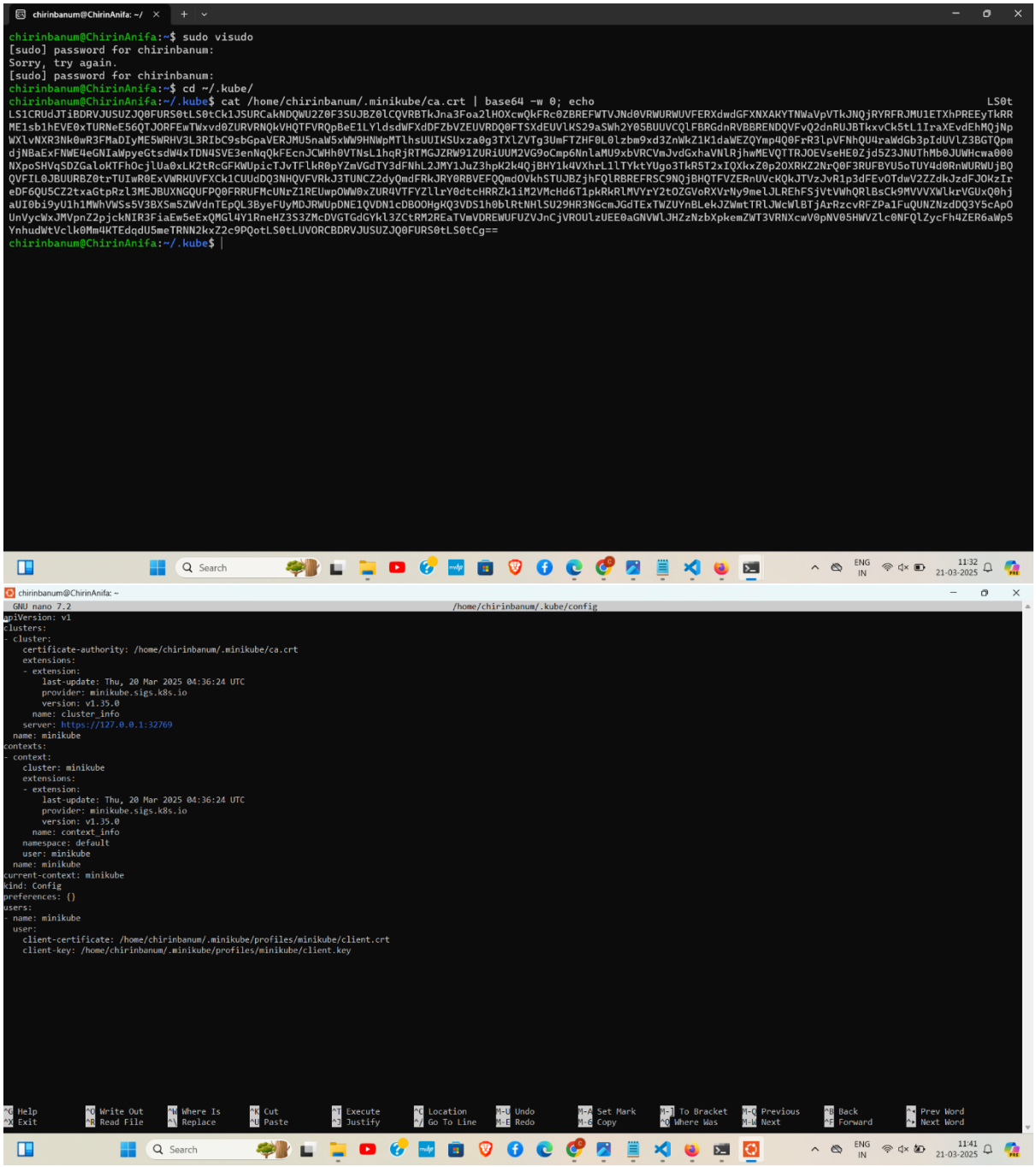
chirinbanum@ChirinAnifa: ~/
chirinbanum@ChirinAnifa:~$ sudo visudo
[sudo] password for chirinbanum:
Sorry, try again.
[sudo] password for chirinbanum:
chirinbanum@ChirinAnifa:~$ cd ~/.kube/
chirinbanum@ChirinAnifa:~/.kube$ cat /home/chirinbanum/.minikube/ca.crt | base64 -w 0; echo
LS0t
LS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURCakNDQWU2Z0F3SUJBZ0lCQVRBTkJna3Foa2lHOXcwQkFRc0ZBREFWTVJNd0VRWURWUVFERXdwdGFXNXAKYTNWaVpVTkJNQjRYRFRJMU1ETXhPREEyTkRRME1sb1hEVE0xTURNeE56QTJORFEwTWxvd0ZURVRNQkVHQTFVRQpBeE1LYldsdWFXdDFZbVZEUVRDQ0FTSXdEUVlKS29aSWh2Y05BUUVCQlFBRGdnRVBBRENDQVFvQ2dnRUJBTkxvCk5tL1IraXEvdEhMQjNpWXlvNXR3Nk0wR3FMaDIyME5WRHV3L3RIbC9sbGpaVERJMU5naW5xWW9HNWpMTlhsUUIKSUxza0g3TXlZVTg3UmFTZHF0L0lzbm9xd3ZnWkZ1K1daWEZQYmp4Q0FrR3lpVFNhQU4raWdGb3pIdUVlZ3BGTQpmdjNBaExxFNWE4eGNIaWpyeGtsdW4xTDN4SVE3enNqQkFEcnJCWHh0VTNsL1hqRjRTMGJZRW91ZURiUUM2VG9oCmp6NnlaMU9xbVRCVmJvdGxhaVNlRjhwMEVQTTRJOEVseHE0Zjd5Z3JNUThMb0JUWHcwa000
NXpoSHVqSDZGaloKTFhOcjlUa0xLK2tRcGFKWUpicTJvTFlkR0pYZmVGdTY3dFNhL2JMY1JuZ3hpK2k4QjBHY1k4VXhrL1lTYktYUgo3TkR5T2xIQXkxZ0p2OXRKZ2NrQ0F3RUFBYU5oTUY4d0RnWURWUjBQ
QVFIL0JBUURBZ0trTUIwR0ExVWRKUVFXCk1CUUdDQ3NHQVFVRkJ3TUNCZ2dyQmdFRkJRY0RBVEFQQmdOVkhSTUJBZjhFQlRBREFRSC9NQjBHQTFVZERnUVcKQkJTVzJvR1p3dFEvOTdwV2ZZdkJzdFJOKzIr
eDF6QU5CZ2txaGtpRzl3MEJBUXNGQUFPQ0FRRUFMcUNrZ1REUwpOWW0xZUR4VTFYZllrY0dtcHRRZk1iM2VMcHd6T1pkRkRlMVYrY2tOZGVoRXVrNy9melJLREhFSjVtVWhQRlBsCk9MVVVXWlkrVGUxQ0hj
aUI0bi9yU1h1MWhVWSs5V3BXSm5ZWVdnTEpQL3ByeFUyMDJRWUpDNE1QVDN1cDBOOHgKQ3VDS1h0blRtNHlSU29HR3NGcmJGdTExTWZUYnBLekJZWmtTRlJWcWlBTjArRzcvRFZPa1FuQUNZNzdDQ3Y5cApO
UnVycWxJMVpnZ2pjckNIR3FiaEw5eExQMGl4Y1RneHZ3S3ZMcDVGTGdGYkl3ZCtRM2REaTVmVDREWUFUZVJnCjVROUlzUEE0aGNVWlJHZzNzbXpkemZWT3VRNXcwV0pNV05HWVZlc0NFQlZycFh4ZER6aWp5
YnhudWtVclk0Mm4KTEdqdU5meTRNN2kxZ2c9PQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg==
chirinbanum@ChirinAnifa:~/.kube$
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chirinbanum@ChirinAnifa: ~
GNU nano 7.2
/home/chirinbanum/.kube/config
apiVersion: v1
clusters:
- cluster:
certificate-authority: /home/chirinbanum/.minikube/ca.crt
extensions:
- extension:
last-update: Thu, 20 Mar 2025 04:36:24 UTC
provider: minikube.sigs.k8s.io
version: v1.35.0
name: cluster_info
server: https://127.0.0.1:32769
name: minikube
contexts:
- context:
cluster: minikube
extensions:
- extension:
last-update: Thu, 20 Mar 2025 04:36:24 UTC
provider: minikube.sigs.k8s.io
version: v1.35.0
name: context_info
namespace: default
user: minikube
name: minikube
current-context: minikube
kind: Config
preferences: {}
users:
- name: minikube
user:
client-certificate: /home/chirinbanum/.minikube/profiles/minikube/client.crt
client-key: /home/chirinbanum/.minikube/profiles/minikube/client.key
^G Help
^O Write Out
^W Where Is
^K Cut
^T Execute
^C Location
M-U Undo
M-A Set Mark
M-] To Bracket
M-Q Previous
^B Back
^← Prev Word
^X Exit
^R Read File
^\ Replace
^U Paste
^J Justify
^/ Go To Line
M-E Redo
M-6 Copy
^Q Where Was
M-W Next
^F Forward
^→ Next Word
Search
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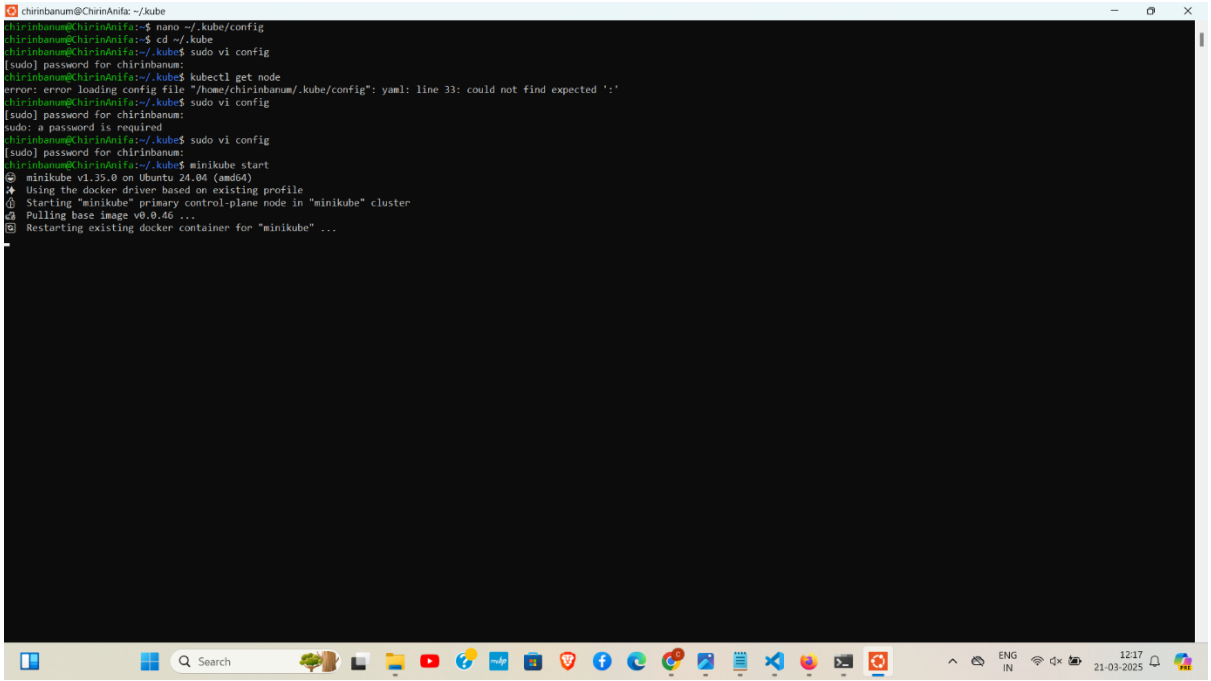
21-03-2025


chirinbanum@ChirinAnifa: ~/.kube
chirinbanum@ChirinAnifa:~$ nano ~/.kube/config
chirinbanum@ChirinAnifa:~$ cd ~/.kube
chirinbanum@ChirinAnifa:~/.kube$ sudo vi config
[sudo] password for chirinbanum:
chirinbanum@ChirinAnifa:~/.kube$ kubectl get node
error: error loading config file "/home/chirinbanum/.kube/config": yaml: line 33: could not find expected ':'
chirinbanum@ChirinAnifa:~/.kube$ sudo vi config
[sudo] password for chirinbanum:
sudo: a password is required
chirinbanum@ChirinAnifa:~/.kube$ sudo vi config
[sudo] password for chirinbanum:
chirinbanum@ChirinAnifa:~/.kube$ minikube start
minikube v1.35.0 on Ubuntu 24.04 (amd64)
Using the docker driver based on existing profile
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Restarting existing docker container for "minikube" ...
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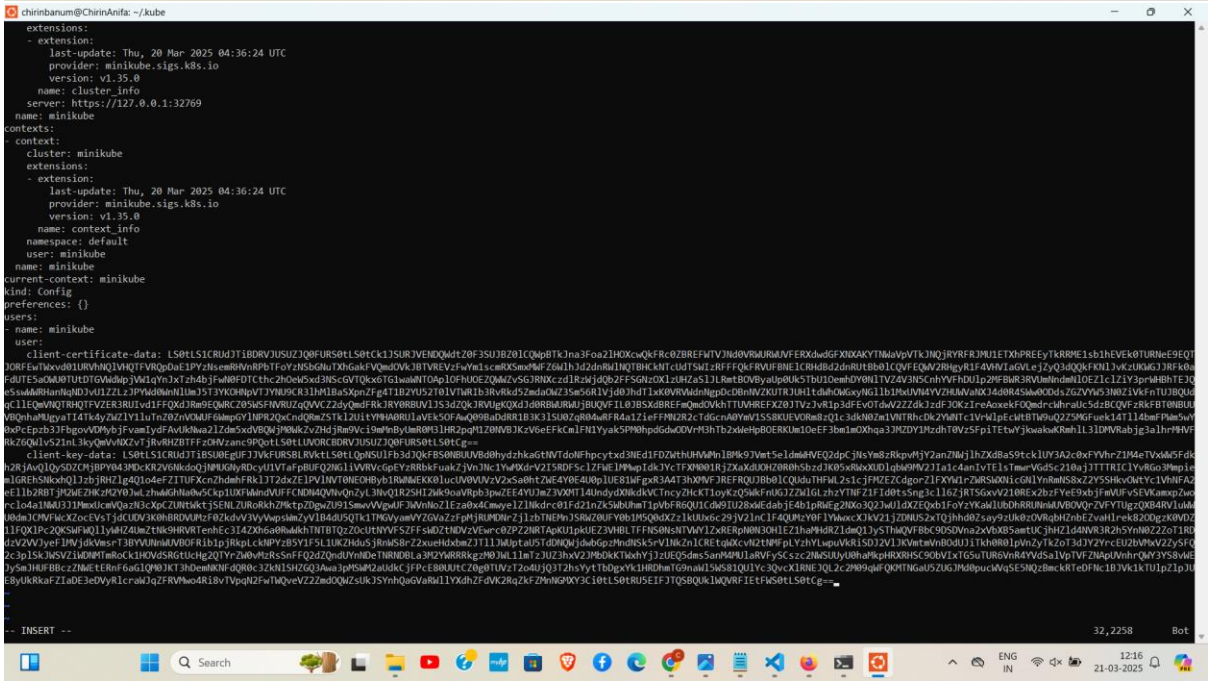
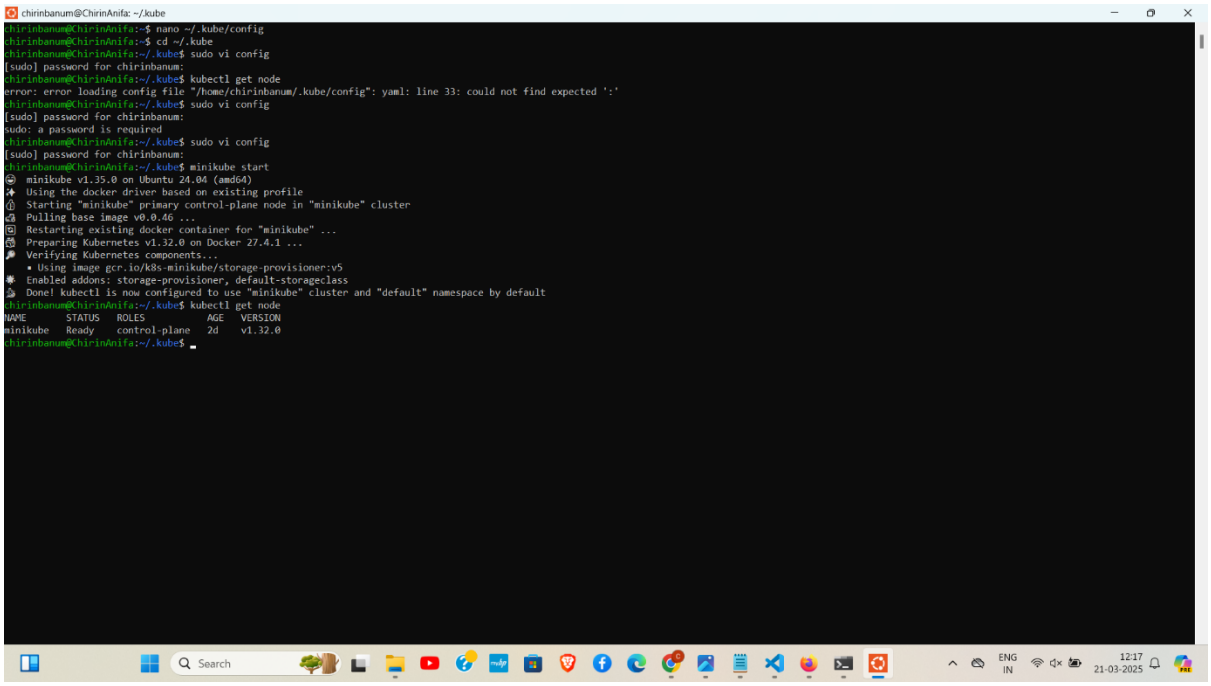

chirinbanum@ChirinAnifa: ~/.kube
extensions:
- extension:
last-update: Thu, 20 Mar 2025 04:36:24 UTC
provider: minikube.sigs.k8s.io
version: v1.35.0
name: cluster_info
server: https://127.0.0.1:32769
name: minikube
contexts:
- context:
cluster: minikube
extensions:
- extension:
last-update: Thu, 20 Mar 2025 04:36:24 UTC
provider: minikube.sigs.k8s.io
version: v1.35.0
name: context_info
namespace: default
user: minikube
name: minikube
current-context: minikube
kind: Config
preferences: {}
users:
- name: minikube
user:
client-certificate-data: LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURJVENDQWdtZ0F3SUJBZ0lCQWpBTkJna3Foa2lHOXcwQkFRc0ZBREFwTVJNd0YRWURWUVFERXdwdGFXNXAKYTNWaVpVTkJNQjRYRFRJMU1ETXhPREEyTkRRME1sb1hEVEk0TURNeE9EQT
JORFEwTWxvd01URVhNQlVHQTFVRQpDaE1PYzNsemRHVnRPbTFoYzNSbGNuTXhGakFVQmdOVkJBTVREVzFwYm1scmRXSmxMWFZ6Wlh3d2dnRWlNQTBHCkNTcUdTSWIzRFFFQkFVUFBNElCRHdBd2dnRUtBb01CQVFEQUV2RHgyR1F4VHVIaGVLejZyQ3dQQkFKNlJvKzUKWGJJRFk0a
FdUTE5aOWU0TUtDTGVWdWpjVWlqYnJxTzh4bjFwN0FDTCthc2hOeW5xd3NScGVTQkx6TG1waWNTOAplOFhUOEZQWWZvSGJRNXczdlRzWjdQb2FFSGNzOXl1cUHZaSlJLRmtBOVByaUp0Uk5TbU1OemhDY0NlTVZ4V3N5CnhVVFhDUlp2MFBWR3RVUmNndmNlOEZIc1ZiY3prWHBhTEJQ
eSswWdRHanNqNDJvU1ZZLzJPYWd0WnNlUmJ5T3YKOHNpVTJYNU9CR3lhNlBaSXpnZFg4T1B2YU52T01VTWR1b3RvRkd5ZmdaOWZ3Sm56RlVjd0JhdTIxK0VRVWdnNgpDcDBnNVZKUTRJUHltdWhOWGxyNGllb1MxUVN4YVZHUWVaNXJ4d0R4SWw0ODdsZGZVYWs3N0ZiVkFnTU3BQUd
qC1lEQmVNQTRHQTFVZER3RUIvdiFFQXd3Rm9EQWRCZ05kSFNVRUZqQVVCZ2dyQmdFRk3RY0RBUVl3S3dZQkJRVUgKQXd3dRRBaURBQXBBUQVFIL03BSXdBREFmQmdOVkhTUVHREFXZ0JTVzJvR1p3dFEvOTdwV2ZZdk3zdFJOKzlreAoxekFQQmdrdGhraUc5d2BCQVFzRkFBT0NBUU
VRQnhwMUgyaTI4Tk4yZWZlY1luTnZ0ZnVKWUFGWmpGVlNPR2QwCndQRmZSTk1JUitYMWA0RUlaVEk5OFAwQ09BaDdRR1B3K3lSU0ZqR0AwRFRAa1ZleFFMNUR2cTdGcnA0YmV1S5BKUEVORmRzQ1c3dkNNZm1VNTRhcDkZYWNTc1VrWlptcHBTlWhuQ2Z5MGFuek14T1l4bmFPWm5wY
0xPcEpzb3JFbgovVDMybjFvamIydFAvUkNwa2lZdm5xdVBQWjM0WkZvZHdjRm9Vci9mMnByUmR0M3lHR2pqM1Z0MVB3KzV6eEFkCmlFN1Yyak5PM0hpdGdwODVrM3hTb2xWeHpBOERKUm1OeEF3bm1mOXhqa3JMZDY1MzdhT0VzSFpiTEtwYjkwakwkRmhlL3lDMVRabjg3alhrM4VF
RkZ6QWlvS21nL3kyQmVvNXZvTjRvRHZBTFFzOHVzanc9PQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg==
client-key-data: LS0tLS1CRUdJTiBSU0EgUFJVkFURSBLRVktLS0tLQpNSUlFb3dJQkFBS0NBUUVBd0hydzhkaGtNVTdoNFhpcytxd3NEd1FDZWthUHVkWmNlBMk9JVmt5eldmWHVEQ2dpCjNsYm8zRkpvMjY2anZNWjlhZXdBa59tcklUY3A2c0xFYVhrZ1M4eTVxWW5Fdk
h2RjAvQlQySDZCMjBPY043MDcKR2V6NkdoQjNMUGNyRDcyU1VTaFpBUFQ2NGliVVRVcGpEYzRRbkFuakZjVnJNc1YwMXdrV2I5RDFSc1ZFWElMMwpIdkJYcTFXM001RjZXaXdUOHZ0R0hSbzdJK05xRWxXUD1qbW9MV2JIa1c4anIvTElsTmwrVGdSc210ajJTTTRIClvRGo3Mmpie
mlGREhSNkxhQlJzbjRHZlg4Q1o4eFZITUFXcnZhdmhFRklJT2dxZElPVlNVT0NEOHByb1RWWEKK0lucUV0VUVzV2xSa0htZWE4Y0E4U0plUE81WFgxR3A4T3hXMVFJREFRQUJBb0lCQUduTHFWL2s1cjFMZEZCdgorZlFXYW1rZWRSWXNicGNlYnRmNS8xZ2Y5SHkvOWtYc1VhNFA2
eEllb2RBTjM2WEZHKzM2Y0JwLzhwWGhNa0w5Ckp1UXFWWndVUFFCNDN4QVNvQnZyL3NvQ1R2SHI2Wk9oaVRpb3pwZEE4YUJmZ3VXMTl4UndydXNkdkVCTncyZHlCRE1ZbzhzYTNFZ1FId0tsSng3cll6ZjRTSGxvV21OREx2bzFYeE9xbjFmVUFvSEVKomxpZwo
rclo4a1NWU3J1MmxUcmVQazN3cXpCZUNtWktjSENLZURoRkhZMktpZDgwZU91SmwvVVgwOFJWVnNoZlEza0x4Cmwyel2lNkdrc01Fd21nZk5WbUhmT1pVbFR6QU1CdkY9IU28dXdEdabjE4b1pRWEg2NXo3Q2JwUldXZEQxb1FoYzYKaWlUbDhRRUNmUVBOVQrZVFYTUgzQXB4RVluWWA
U0dmJCMVFWcXZocEVsTjdCUEV3K0hBRDVUMzF0ZkdvV3VyVwpsWmZyV1B4dU5QTk1TMGVyamVZZGVaZzFpMjRUMDNrZjlzbTNEMnJSRWZ0UFY0b1M5Q0dXZzlkUUx6Z29jV21nC1F4QUMzY0FlYWwxcXkV21jZDNUS2xTQjhhd0Zsay9zUk0zOVRqbHZnbEZvaHlrek82ODgzK0VDZ
l1fQXlPc2QKSWFkQllyWHZ4UmZtNk9HRVRTenhEc3I4ZXhsa0RwWkhTNTBTQzZGcUtHNVVFSZFFsWDZtNDVzVEwrc0ZPZ2NRTApKU1pkUEZJVHBLTFFNS0NsNTVWY1ZxREFpN0N3OHlEZlBwQ1JyS1hWQVFBbC9DSDVna2xVbXB5amtUCjhHZld4NVR3R2h5YnN0Z2ZoT1RD
dzV2VVJyeFJMVjdkVmsrT3BYVUNnWUVBOFRib1pjRkpLcklNPYz85Y1F5L1UKZHduSjRnW5BrZ2xueHdxbmZJTll1WUptaU5TdDNQWjdwbGpzMndNSk5rV1NkZn1CREtqWXcvN2tNMFpLYzhYLwpuVkRiSDI2VlJKVmtwVnBOdUJiTkh0R01pVnZyTk3dJY2YrcEU2bVMxV2ZySFQ
2c3plSkJWSVZiWDNMTmRoCk1HOVdSRGtUcHg2QTYrZW0vMzRsSnFFQ2dZQndUYnNDeTNRNDBLa3M2YWRRRkgzM0JWL1lmTzJUZ3hxV2JMbDkKTkkhYjJzUEQ5dms5anM4MUlaRVFySCszc2NWSUUyU0haMkpHRXRHSC9ObVIxTG5uTUR6VnR4YVdSalVpTVFZNApUVnhrQWY3YS8vbE
JySmJHUFBBczZNWEtERnF6aGlQM0JKT3hDemNKNFdQR0c3ZkN1SHZGQ3Awa3pMSWM2aUdkCjFPcE80UUtCZ0g0TUVzT2o4UjQ3T2hsYytTbDgxYk1HRDhmTG9naWl5WS81QU1Yc3QvcXlRNEJQL2c2M09qWFQKMTNGaU5ZUGJMd0pucWVqSE5NQzBmckRTeDFNc1BJVk1kTUlpZlpJU
E8yUkRkaFZIaDE3eDVyRlcraWJqZFRVMwo4Ri8vTVpqN2FwTWQveVZ2ZmdOQWZsUkJSYnhQaGVaRWllYXdhZFdVK2RqZkFZMnNGMXY3C1ptLS0tRU5EIFJTQSBQUklWQVRFIEtFWS0tLS0tCg==
-- INSERT --
32,2258
Bot
Search
ENG
IN
12:16
21-03-2025

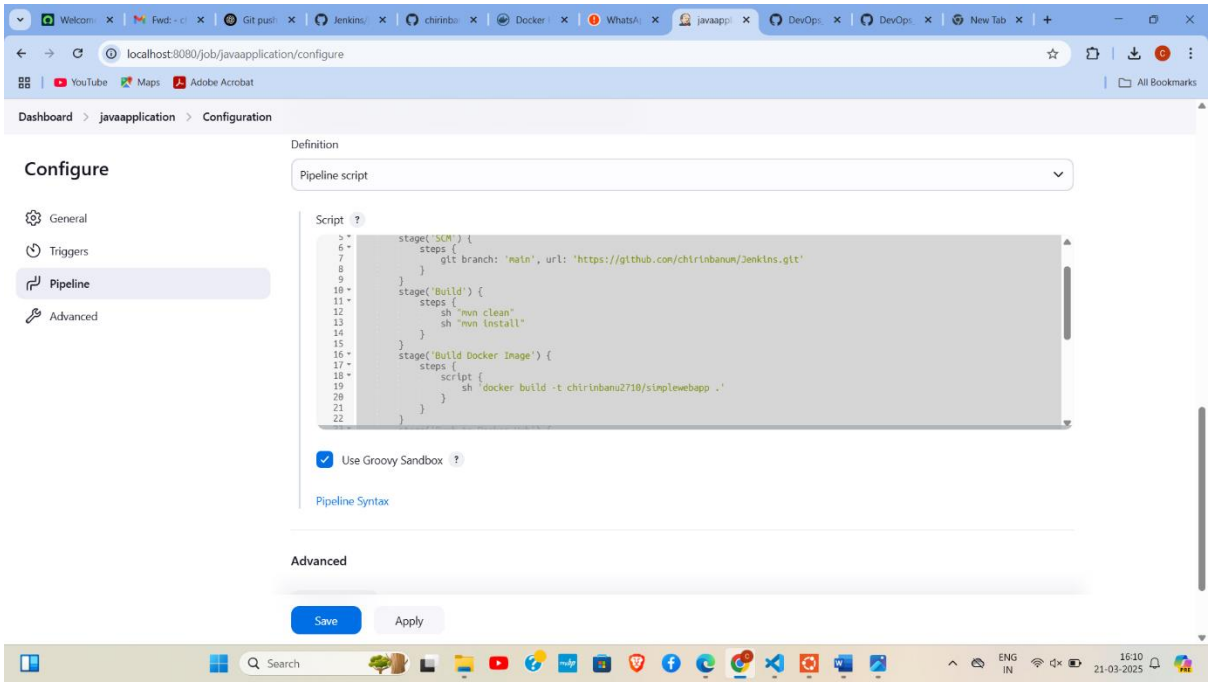


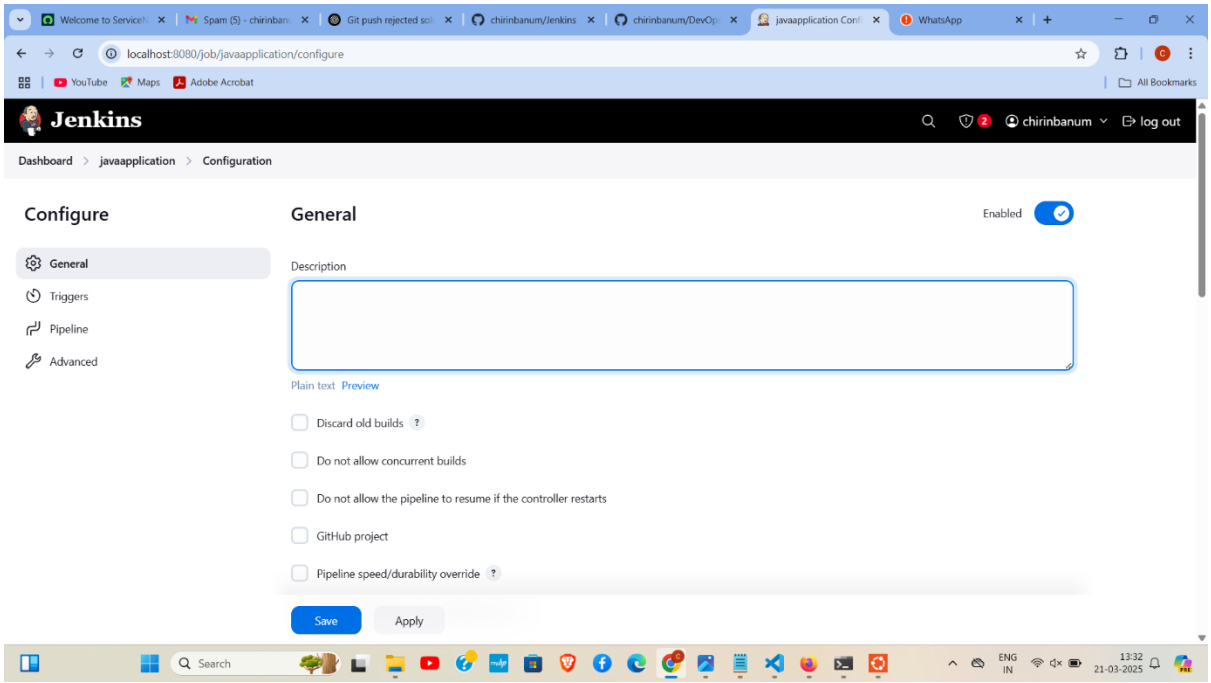
6. Set Up Jenkins Pipeline

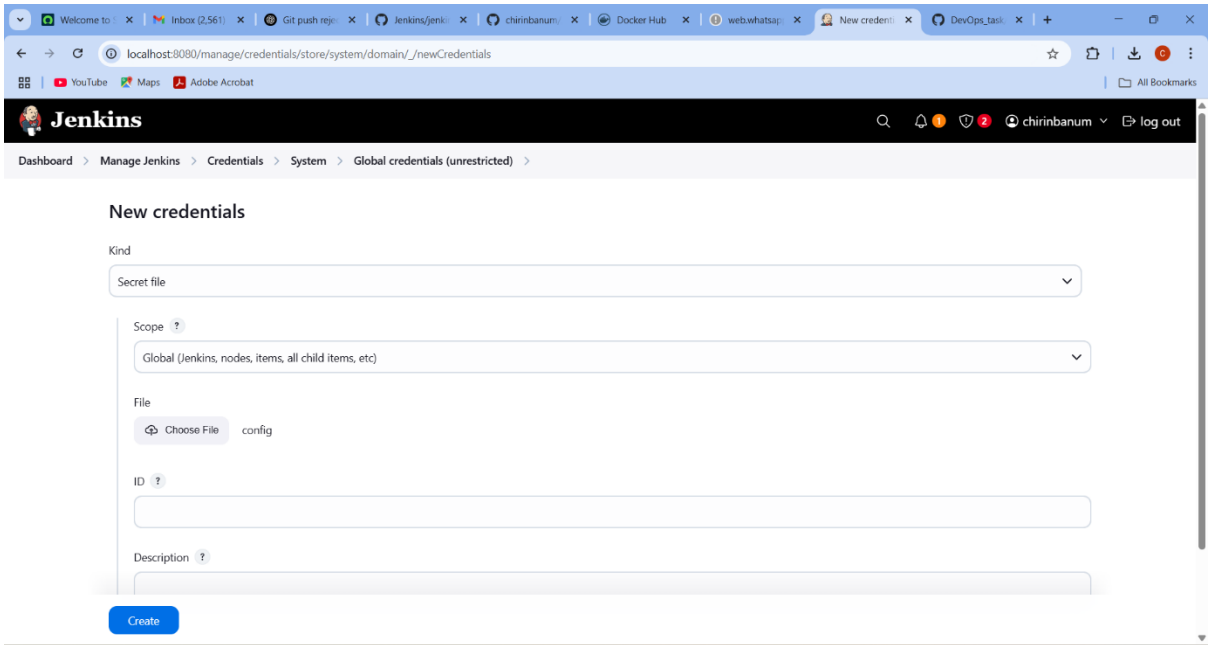
Create a Jenkinsfile with the following content:

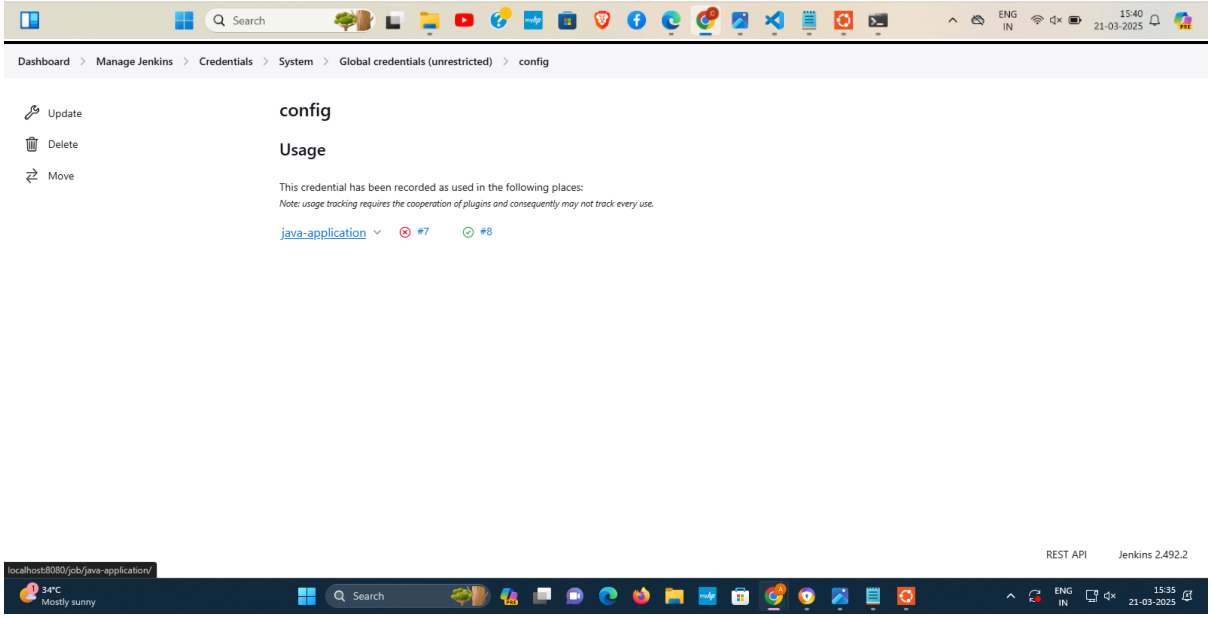
```
pipeline {
    agent any

    stages {
        stage('SCM') {
            steps {
                git branch: 'main', url: 'https://github.com/chirinbanum/Jenkins.git'
            }
        }
        stage('Build') {
            steps {
                sh "mvn clean"
                sh "mvn install"
            }
        }
```

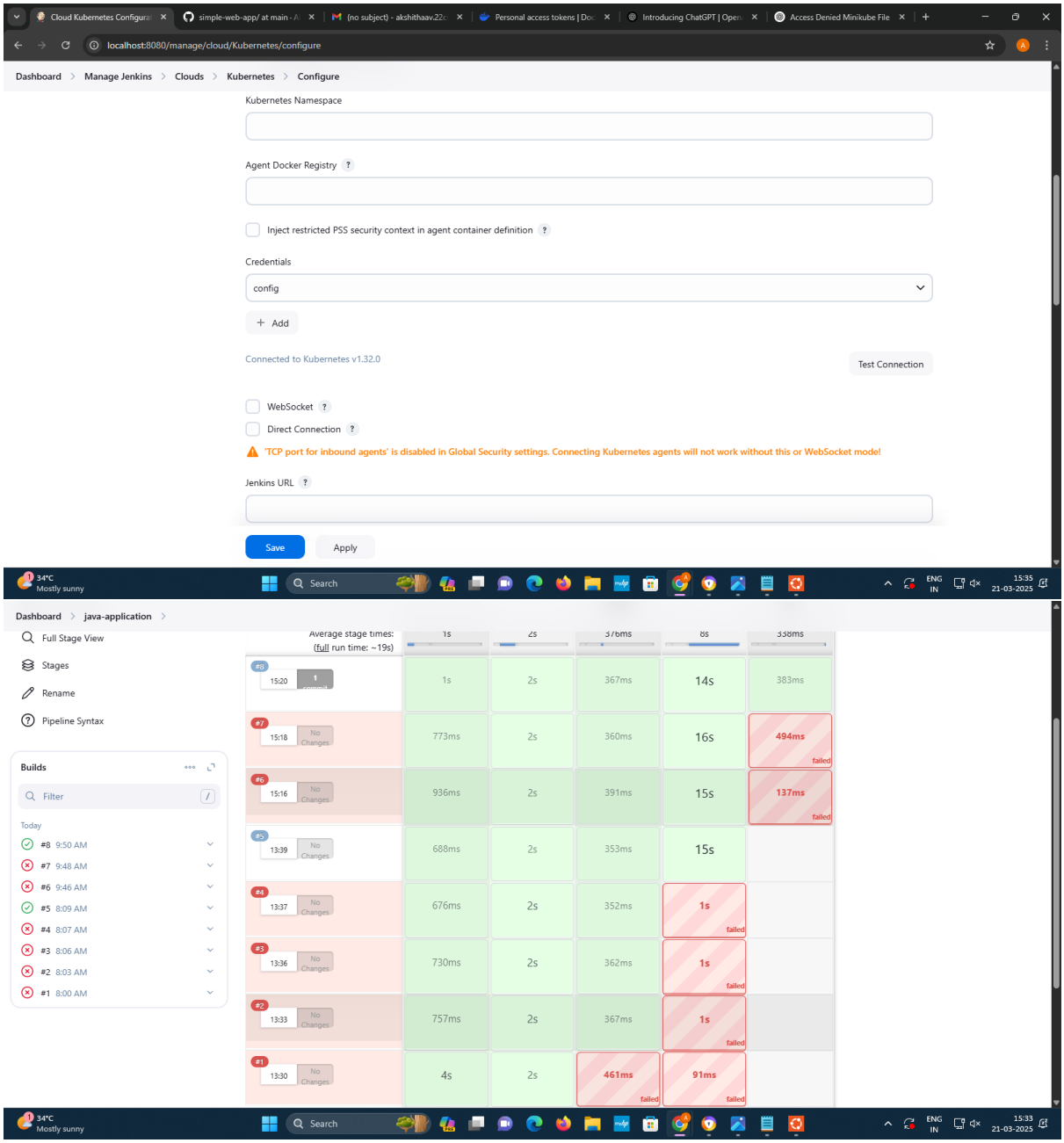
```
        stage('Build Docker Image') {
            steps {
                script {
                    sh 'docker build -t chirinbanu2710/simplewebapp .'
                }
            }
        }
        stage('Push to Docker Hub') {
            steps {
                script {
                    withDockerRegistry(credentialsId: 'Docker_cred', url: 'https://index.docker.io/v1/') {
                        sh 'docker push chirinbanu2710/simplewebapp'
                    }
                }
            }
        }
        stage('Deploy Web App') {
            steps {
                withKubeConfig(credentialsId: 'KUBE', contextName: 'minikube') {
                    sh 'kubectl apply -f deployment.yaml'
                }
            }
        }
    }
}
```


localhost:8080/job/javaapplication/configure
Dashboard > javaapplication > Configuration
Configure
General
Triggers
Pipeline
Advanced
Definition
Pipeline script
Script
stage('SCM') {
steps {
git branch: 'main', url: 'https://github.com/chirinbanum/Jenkins.git'
}
}
stage('Build') {
steps {
sh "mvn clean"
sh "mvn install"
}
}
stage('Build Docker Image') {
steps {
script {
sh 'docker build -t chirinbanu2710/simplewebapp .'
}
}
}
Use Groovy Sandbox
Pipeline Syntax
Advanced
Save
Apply

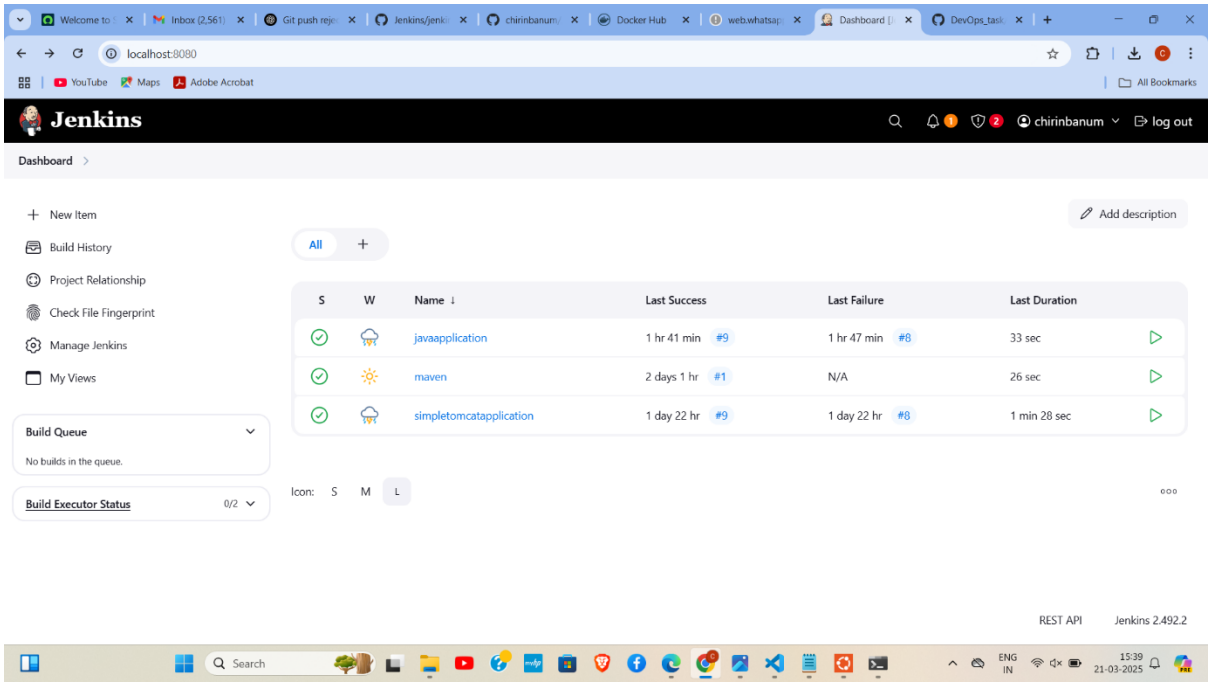

localhost:8080/job/javaapplication/configure
Jenkins
chirinbanum
log out
Dashboard > javaapplication > Configuration
Configure
General
Triggers
Pipeline
Advanced
General
Enabled
Description
Plain text Preview
Discard old builds
Do not allow concurrent builds
Do not allow the pipeline to resume if the controller restarts
GitHub project
Pipeline speed/durability override
Save
Apply


localhost:8080/manage/credentials/store/system/domain/_/newCredentials
Jenkins
chirinbanum
log out
Dashboard > Manage Jenkins > Credentials > System > Global credentials (unrestricted) >
New credentials
Kind
Secret file
Scope
Global (Jenkins, nodes, items, all child items, etc)
File
Choose File
config
ID
Description
Create


Dashboard > Manage Jenkins > Credentials > System > Global credentials (unrestricted) > config
Update
Delete
Move
config
Usage
This credential has been recorded as used in the following places:
Note: usage tracking requires the cooperation of plugins and consequently may not track every use.
java-application
#7
#8
REST API
Jenkins 2.492.2


Cloud Kubernetes Configura
simple-web-app/ at main · A
(no subject) - akshithaav.22c
Personal access tokens | Doc
Introducing ChatGPT | Open
Access Denied Minikube File
localhost:8080/manage/cloud/Kubernetes/configure
Dashboard > Manage Jenkins > Clouds > Kubernetes > Configure
Kubernetes Namespace
Agent Docker Registry
Inject restricted PSS security context in agent container definition
Credentials
config
Add
Connected to Kubernetes v1.32.0
Test Connection
WebSocket
Direct Connection
'TCP port for inbound agents' is disabled in Global Security settings. Connecting Kubernetes agents will not work without this or WebSocket mode!
Jenkins URL
Save
Apply
34°C
Mostly sunny
Search
ENG
IN
15:35
21-03-2025

Dashboard > java-application
Full Stage View
Stages
Rename
Pipeline Syntax
Builds
Filter
Today
#8 9:50 AM
#7 9:48 AM
#6 9:46 AM
#5 8:09 AM
#4 8:07 AM
#3 8:06 AM
#2 8:03 AM
#1 8:00 AM
Average stage times:
(full run time: ~19s)
1s
2s
367ms
14s
383ms
773ms
360ms
16s
494ms
failed
936ms
391ms
15s
137ms
failed
688ms
353ms
15s
676ms
352ms
1s
failed
730ms
362ms
1s
failed
757ms
367ms
1s
failed
4s
461ms
failed
91ms
failed
34°C
Mostly sunny
Search
ENG
IN
15:33
21-03-2025


localhost:8080
YouTube
Maps
Adobe Acrobat
All Bookmarks
Jenkins
chirinbanum
log out
Dashboard
New Item
Build History
Project Relationship
Check File Fingerprint
Manage Jenkins
My Views
Add description
All
S
W
Name ↓
Last Success
Last Failure
Last Duration
javaapplication
1 hr 41 min #9
1 hr 47 min #8
33 sec
maven
2 days 1 hr #1
N/A
26 sec
simpletomcatapplication
1 day 22 hr #9
1 day 22 hr #8
1 min 28 sec
Build Queue
No builds in the queue.
Build Executor Status
0/2
Icon: S M L
REST API
Jenkins 2.492.2
Search
ENG
IN
15:39
21-03-2025