#Task 2 **JenkinsPipeline**

**Step**: Creating Master Node and triggering build when code is pushed to the branch

1. Created a new EC2 Instance for Jenkins master of Ubuntu, 20.04 LTS,
2. Connected to EC2 via ssh and Installed java and Jenkins
3. Created a new github Repository:
4. Uploaded JenkinsFile to the repository
5. Connected to Jenkins and Configured Pipeline to take Jenkinsfile from github repository
6. Generated personal access token for git credentials and added to credentials manager
7. Under repository settings created a webhook : ***ec2Url:8080/github-webhook***
8. Updated Pipeline configuration to select github hook triggers
9. Updated Jenkins file with sample commit to test the webhook

**Step:** Creating Slave Node and Updating Jenkinsfile to run job on Slave node

1. Created a new EC2 instance for Jenkins slave node of Ubuntu, 20.04 LTS
2. Connected to EC2 via ssh and installed java
3. Created IAM Role, with EC2 full access and attached to Jenkins Master EC2
4. Under Manage Node added a slave node
5. Configured slave node, Selected launch agent via SSH and added credentials
6. Checked the status of the slave node
7. Updated the agent from any to label configured in slave node in Jenkinsfile

**Step**: Updating Jenkinsfile to install Chrome browser and Chromedriver

1. Added a new Stage and commands in Jenkinsfile to install chrome browser
2. Tested the changes
3. Added a new stage and commands in Jenkinsfile to install chromedriver