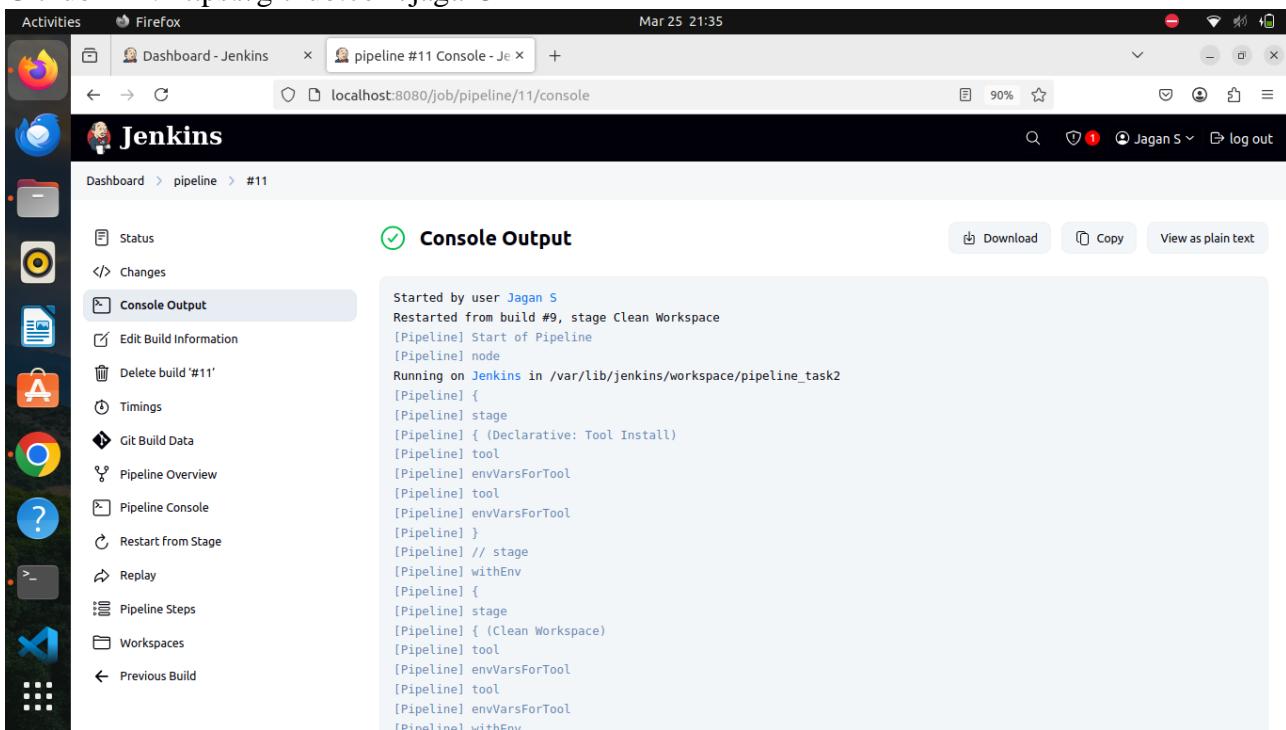


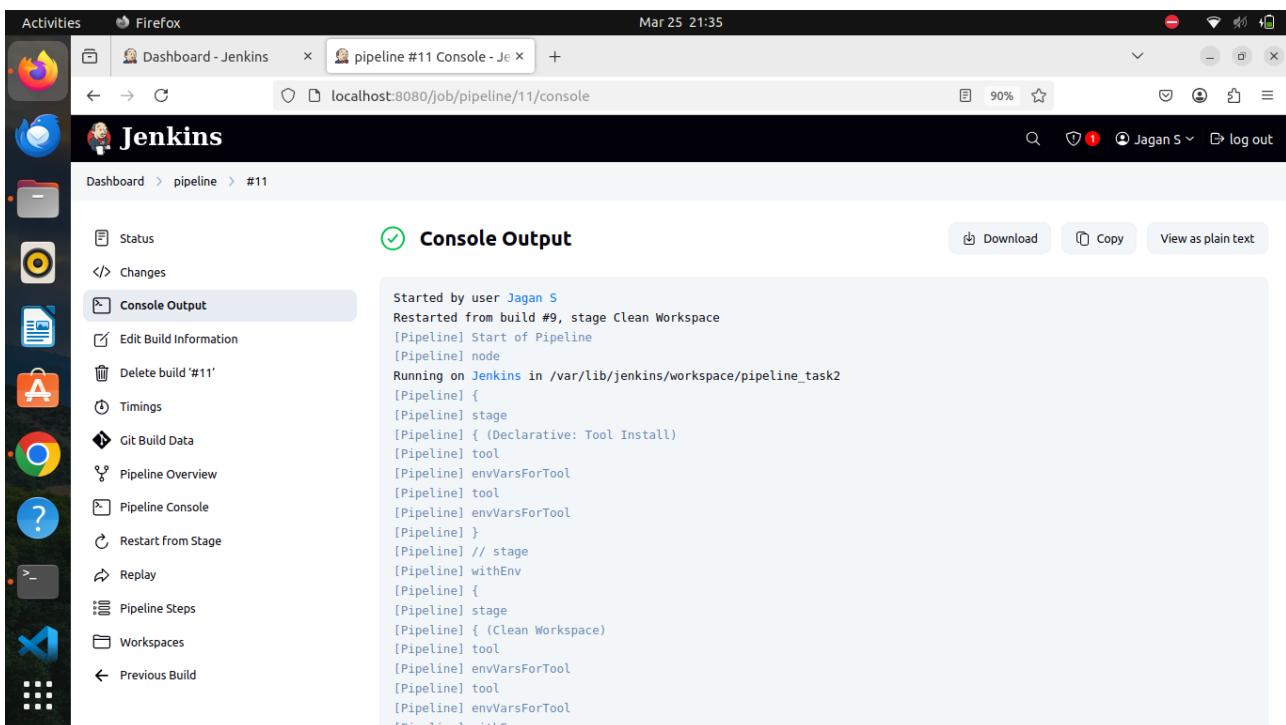
Devops_Final_project

Github link: <https://github.com/jagan321>



A screenshot of a Linux desktop environment (Ubuntu) showing a Firefox browser window. The browser is displaying the Jenkins Pipeline Console for build #11. The URL is localhost:8080/job/pipeline/11/console. The Jenkins interface shows the build was started by user Jagan S and is running on Jenkins. The console output shows the pipeline stages: Start of Pipeline, node, stage, tool, envVarsForTool, stage, (Clean Workspace), tool, envVarsForTool, stage, (Clean Workspace), tool, envVarsForTool, and finally withEnv.

```
Started by user Jagan S
Restarted from build #9, stage Clean Workspace
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/pipeline_task2
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Tool Install)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Clean Workspace)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] envVarsForTool
[Pipeline] withEnv
```



A second screenshot of a Linux desktop environment (Ubuntu) showing a Firefox browser window. This is likely a duplicate or a second view of the same Jenkins Pipeline Console for build #11. The URL is localhost:8080/job/pipeline/11/console. The Jenkins interface shows the build was started by user Jagan S and is running on Jenkins. The console output is identical to the first screenshot, showing the pipeline stages: Start of Pipeline, node, stage, tool, envVarsForTool, stage, (Clean Workspace), tool, envVarsForTool, stage, (Clean Workspace), tool, envVarsForTool, stage, (Clean Workspace), tool, envVarsForTool, and finally withEnv.

```
Started by user Jagan S
Restarted from build #9, stage Clean Workspace
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/pipeline_task2
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Tool Install)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Clean Workspace)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] envVarsForTool
[Pipeline] withEnv
```

Mar 22 15:59

Untitled 1 — LibreOffice Writer

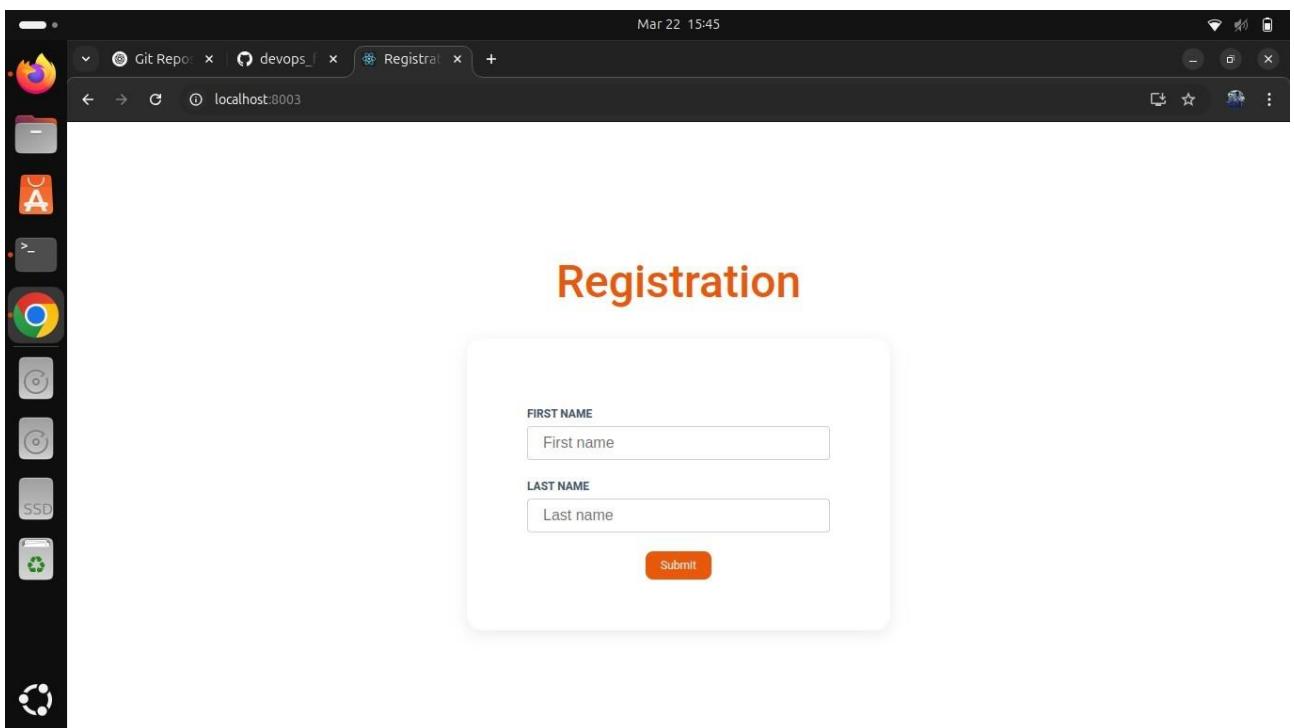
```
guna@guna-VivoBook-ASUSLaptop-X515EA-X515EA:~
```

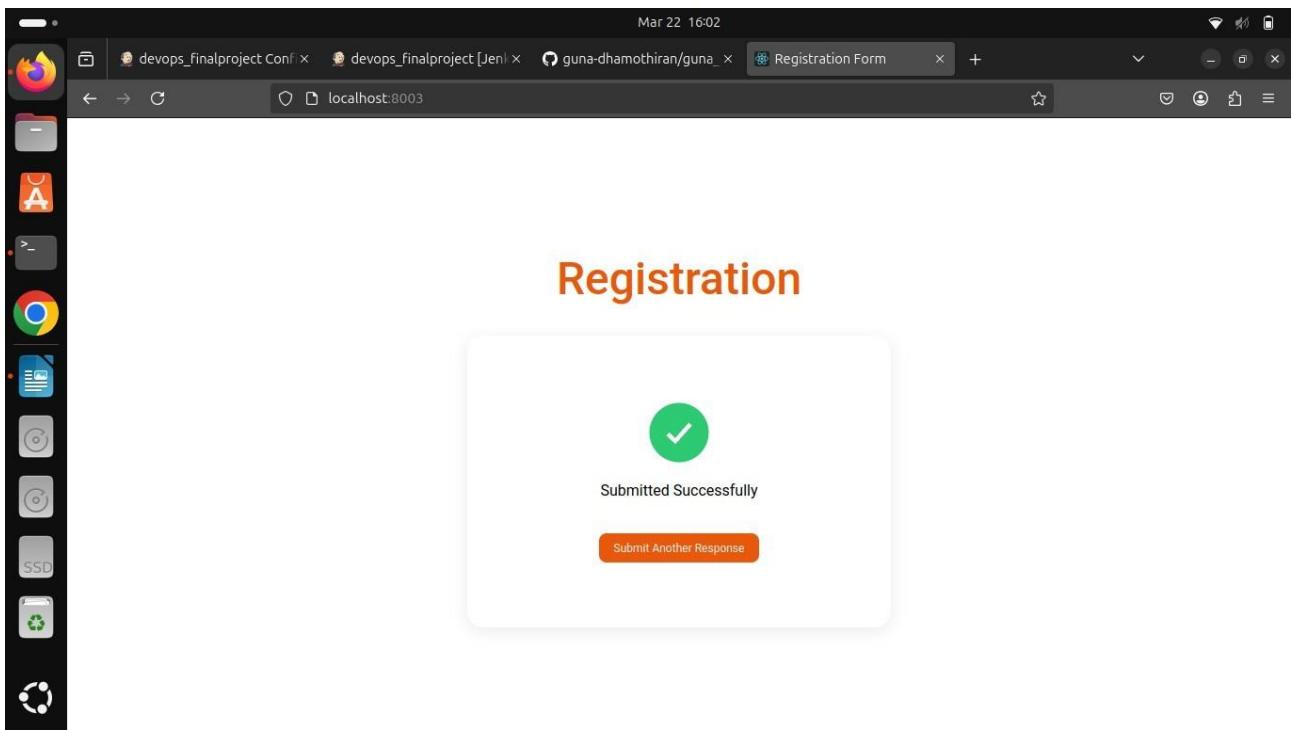
docker: Error response from daemon: Conflict. The container name "/devops-final-app" is already in use by container "ce98ddfb0dce4e8e487392ac7614a105cd045cdc2208a043234f26ab0b278d5c". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
guna@guna-VivoBook-ASUSLaptop-X515EA-X515EA:~\$ docker run -d -p 8003:3000 --name devops-final-app guna1311/devfinal
docker: Error response from daemon: Conflict. The container name "/devops-final-app" is already in use by container "ce98ddfb0dce4e8e487392ac7614a105cd045cdc2208a043234f26ab0b278d5c". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
guna@guna-VivoBook-ASUSLaptop-X515EA-X515EA:~\$ # Stop the container (if running)
docker stop devops-final-app

Remove the container
docker rm devops-final-app
devops-final-app
devops_final_app
guna@guna-VivoBook-ASUSLaptop-X515EA-X515EA:~\$ docker run -d -p 8003:3000 --name devops-final-app-v2 guna1311/devfinal
1688312be079fc0bc55c92c50390f9333b5b296b17941998bd8494d9f7a9a510
guna@guna-VivoBook-ASUSLaptop-X515EA-X515EA:~\$

Registration

Pages 1 and 2 of 2 6 words, 146 characters Default Page Style English (USA)





Dockerfile:

```
# Dockerfile
FROM node:18

# Set working directory
WORKDIR /app

# Copy package.json and package-lock.json
COPY package*.json ./

# Install dependencies
RUN npm install

# Copy all project files
COPY . .

#  Use OpenSSL Legacy Provider to fix build issues
ENV NODE_OPTIONS=--openssl-legacy-provider

# Build the application
RUN npm run build

# Expose port and run application
EXPOSE 8003
CMD ["npm", "start"]
```

Jenkins file:

```
pipeline {
```

```

agent any

environment {
    IMAGE_NAME = "jagan1311/devfinal"
    CONTAINER_NAME = "devops-react-app"
    PORT = "5003"
}

stages {
    stage('Clone Repository') {
        steps {
            git 'https://github.com/jagan321.git'
        }
    }

    stage('Install Dependencies') {
        steps {
            script {
                sh 'npm install'
            }
        }
    }

    stage('Build Docker Image') {
        steps {
            script {
                sh 'docker build -t $IMAGE_NAME .'
            }
        }
    }

    stage('Run Docker Container') {
        steps {
            script {
                sh 'docker stop $CONTAINER_NAME || true'
                sh 'docker rm $CONTAINER_NAME || true'
                sh 'docker run -d --name $CONTAINER_NAME -p $PORT:80 $IMAGE_NAME'
            }
        }
    }
}

post {
    success {
        echo '🎉 Deployment successful! Visit http://localhost:5003'
    }
    failure {
        echo '❌ Deployment failed. Check logs.'
    }
}
}

```