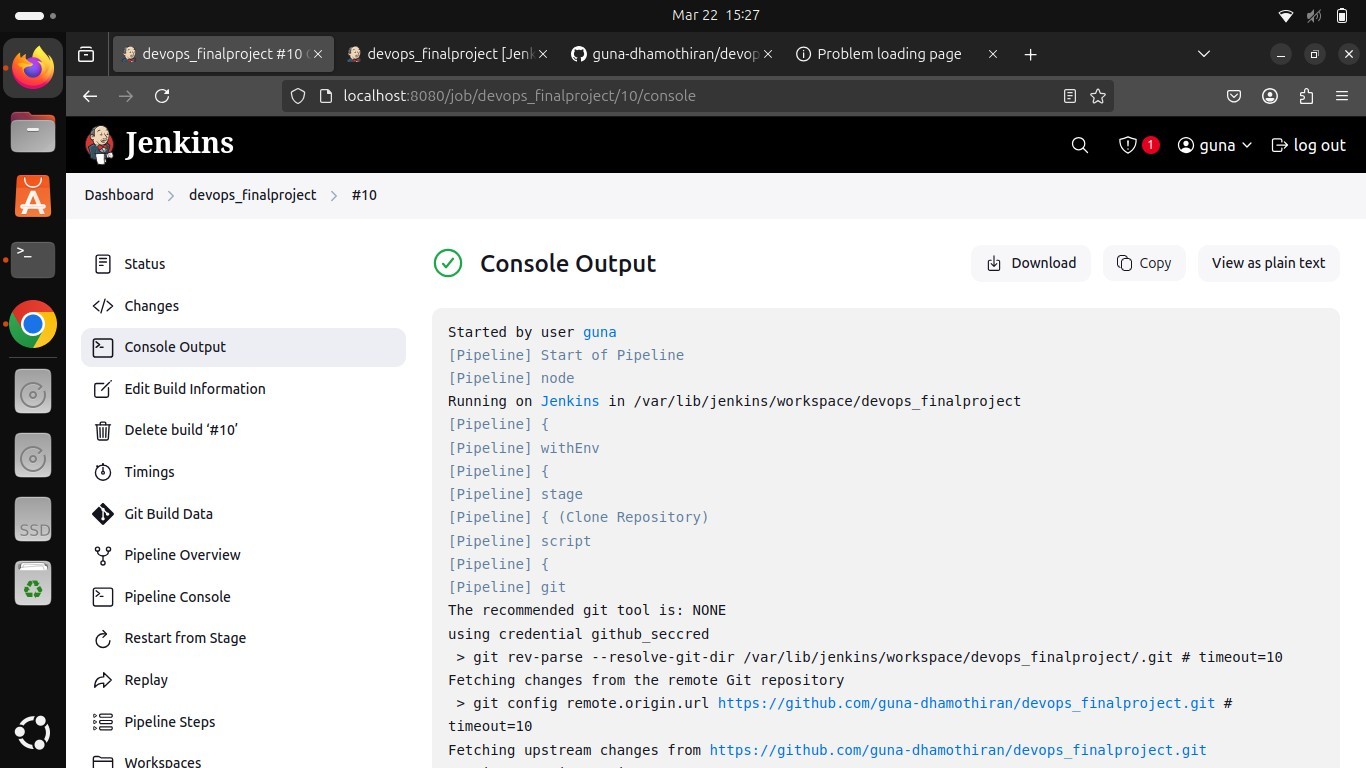
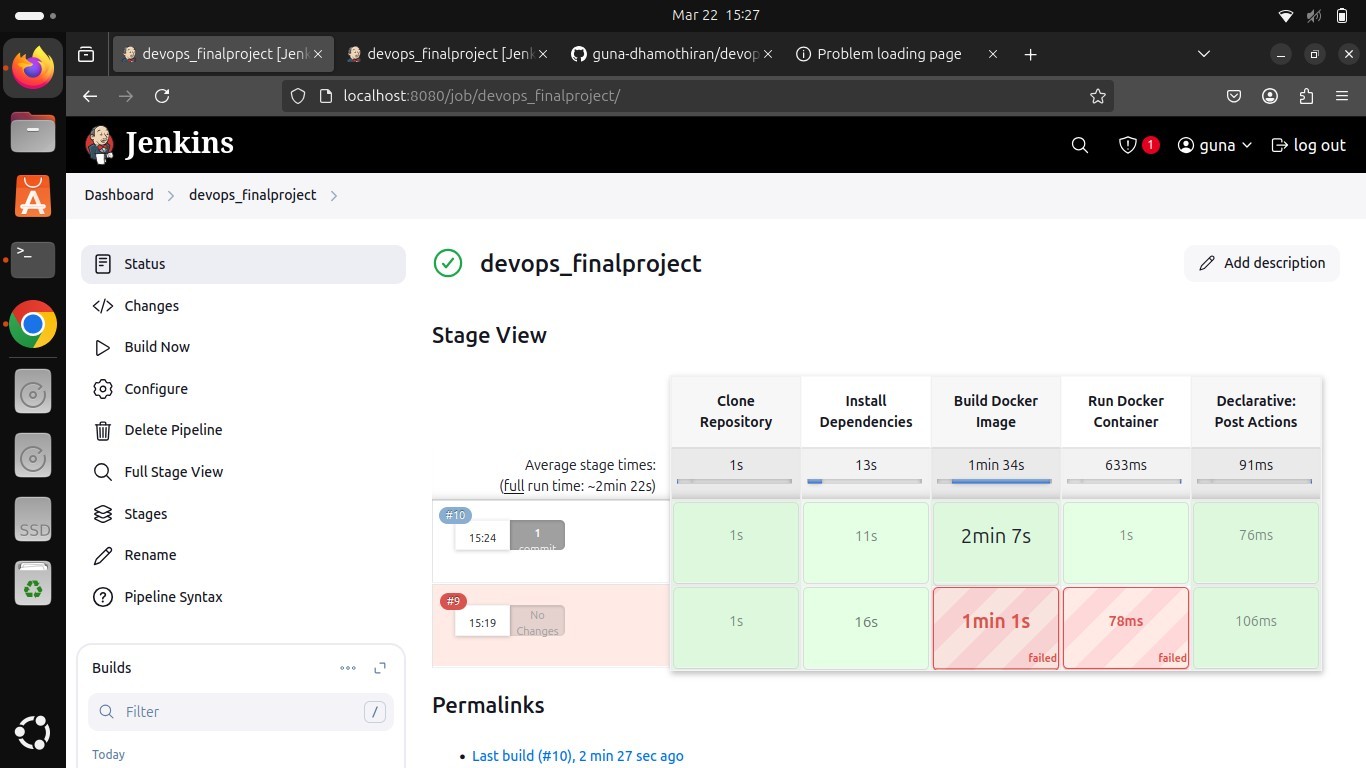
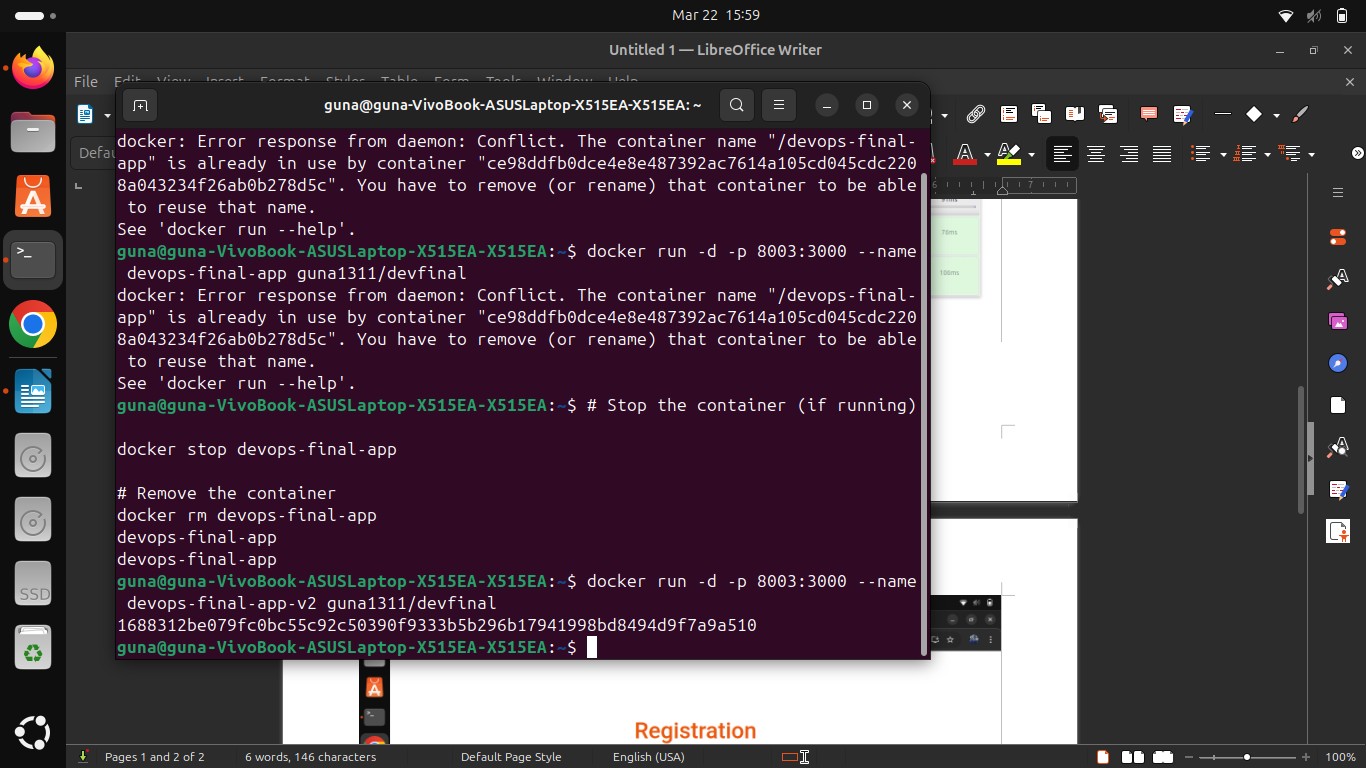
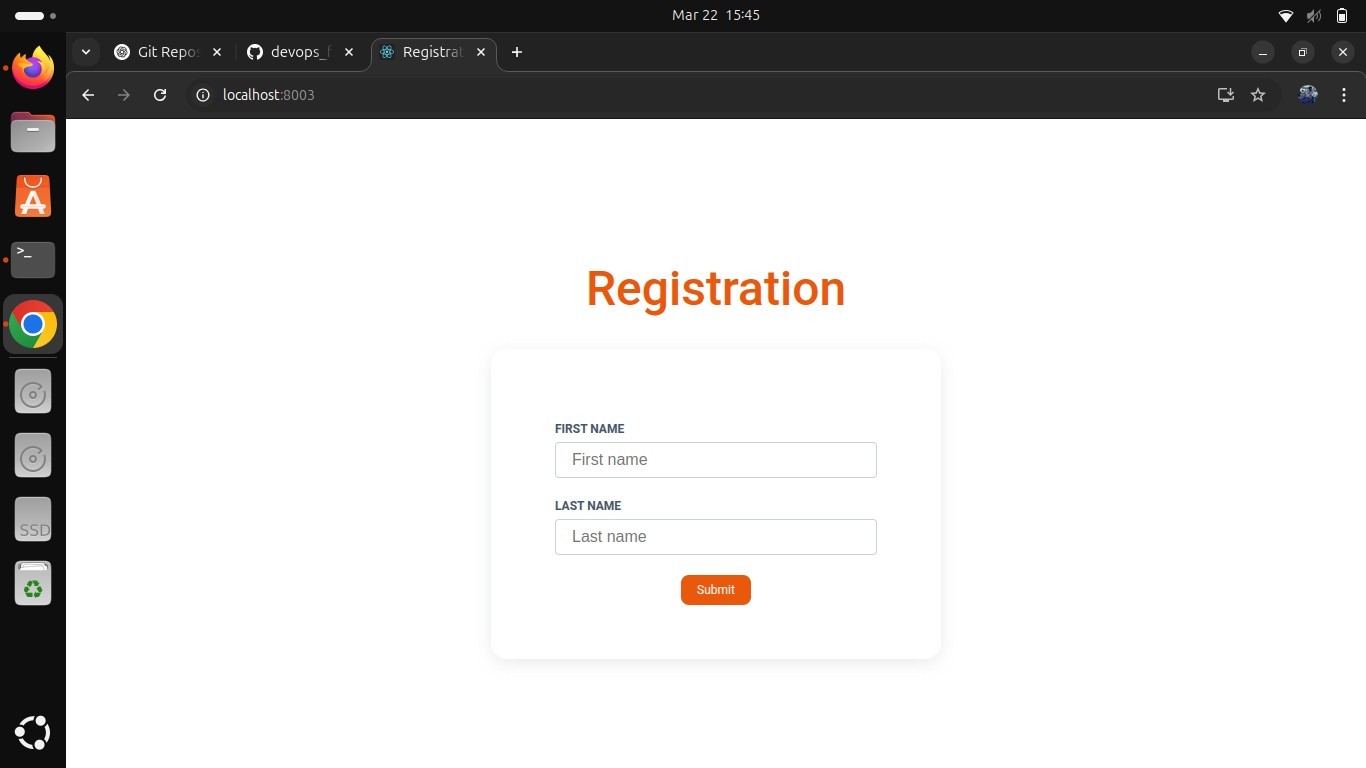
Devops\_Final\_project

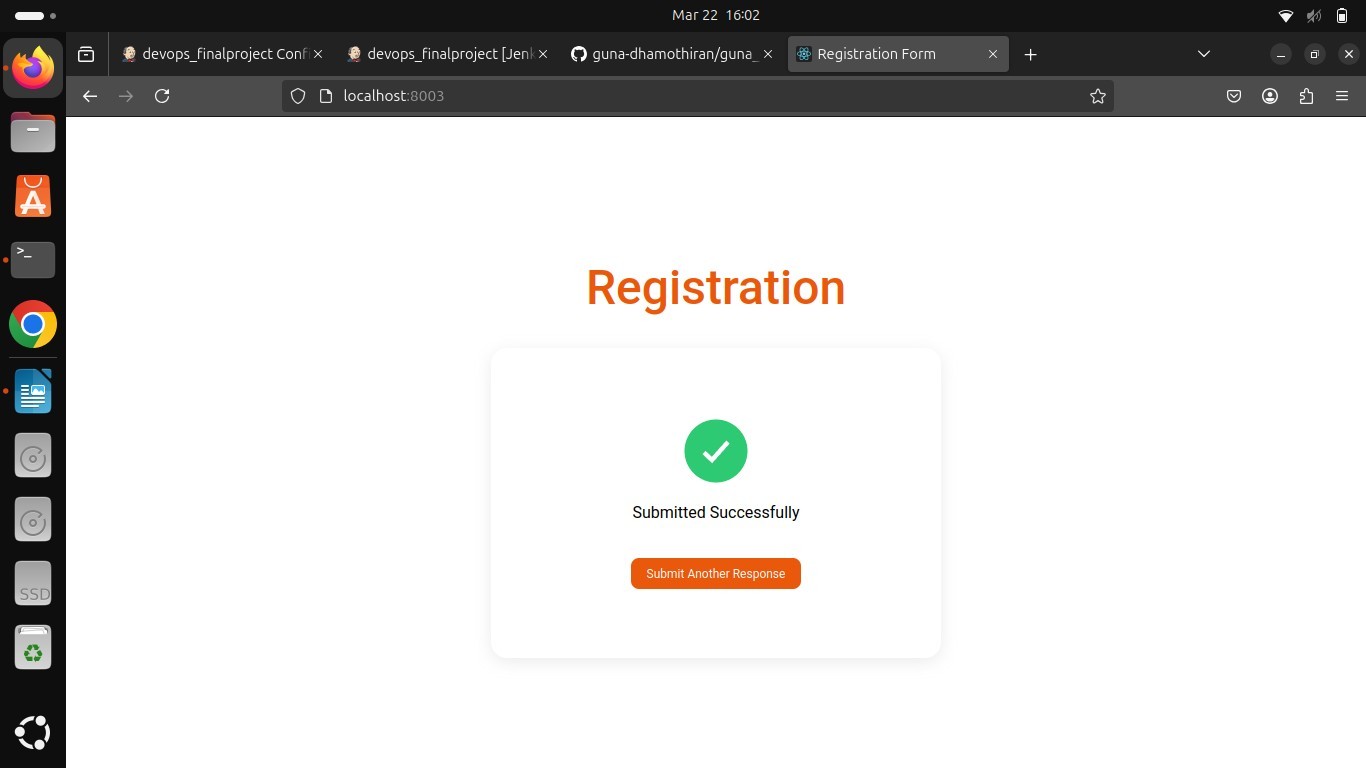
Github link: <https://github.com/dineshbabum2932005/DINESHBABUM_DEVOPS_TASK>











**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 = "dineshbabum2903/devfinal"

CONTAINER\_NAME = "devops-react-app"

PORT = "5003" }

stages {

stage('Clone Repository') { steps {

git 'https://github.com/dineshbabum2932005/DINESHBABUM\_DEVOPS\_TASK.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.'

}

}

}