백엔드 - Spring boot

젠킨스 백엔드 배포용 pipeline

```
pipeline {
    agent any
    stages {
        stage('github clone') {
            steps {
                git branch: '배포할 브랜치', credentialsId: 'jenkins_token', url: 'Gitlab 레포지토리 https 주소'
            }
        }
        stage('Build') {
            steps {
                dir("./프로젝트 폴더명") {
                    sh "chmod +x ./gradlew"
                    sh "./gradlew clean build"
                }
            }
        }
        stage('Deployment') {
            steps {
                sshagent(credentials: ['ssh_key']) {
                    sh '''
                        ssh -o StrictHostKeyChecking=no ubuntu@ec2_public_ip
                        scp /var/jenkins_home/workspace/back/프로젝트 폴더명/build/libs/프로젝트 폴더명-0.0.1-SNAPSHOT.jar ubuntu@ec2_public_:
                        ssh -t ubuntu@ec2_public_ip ./deploy_be.sh
                    '''
                }
            }
        }
    }
}
```

/home/ubuntu/Backend 디렉토리 생성

```
mkdir Backend
```

/home/ubuntu/deploy_be.sh

```
cd Backend
sudo docker compose down
sudo docker compose up -d --build
yes | sudo docker system prune
```

/home/ubuntu/Backend/Dockerfile

```
# Server
ENV SERVER_PORT=

# DB
ENV DB_URL=
ENV DB_USERNAME=
ENV DB_PASSWORD=

# jwt
ENV JWT_SECRET_KEY=

# Social Login
ENV KAKAO_CLIENT_ID=

# S3
ENV S3_URL=
ENV S3_BUCKET=
```

```
ENV CREDENTIALS_ACCESS_KEY=
ENV CREDENTIALS_SECRET_KEY=
ENV REGION_STATIC=

ENV ELEVENLABS_API_KEY=
ENV DEFAULT_VOICE=

COPY ./mt-0.0.1-SNAPSHOT.jar /mt-0.0.1-SNAPSHOT.jar
CMD ["java", "-jar", "mt-0.0.1-SNAPSHOT.jar"]
```

/home/ubuntu/Backend/docker-compose.yml

```
version: '3'
services:
        spring-boot-app:
                build:
                        context: .
                        dockerfile: Dockerfile
                image: mt-back
                container_name: mt-back
                ports:
                        - "9090:9090"
```

GitLab webhook 설정

s09-ai-speech-sub2 › S09P22B205 › Webhook Settings › Webhook

ℹ Hook executed successfully: HTTP 200 ✕

🔍 Search page

Webhook

Webhooks enable you to send notifications to web applications in response to events in a group or project. We recommend using an integration in preference to a webhook.

URL

http://j9b205.p.ssafy.io:8080/project/back

URL must be percent-encoded if it contains one or more special characters.

◉ Show full URL
○ Mask portions of URL
   Do not show sensitive data such as tokens in the UI.

Secret token

•••••••••••

Used to validate received payloads. Sent with the request in the `X-Gitlab-Token` HTTP header.

Trigger

☑ Push events
  ○ All branches
  ◉ Wildcard pattern

    release-back

    Wildcards such as `*-stable` or `production/*` are supported.
  ○ Regular expression

☐ Tag push events

☐ Confidential comments
  A comment is added to a confidential issue.

☐ Issues events
  An issue is created, updated, closed, or reopened.

☐ Confidential issues events
  A confidential issue is created, updated, closed, or reopened.

☐ Merge request events
  A merge request is created, updated, or merged.

☐ Job events
  A job's status changes.

☐ Pipeline events
  A pipeline's status changes.

☐ Wiki page events
  A wiki page is created or updated.

☐ Deployment events
  A deployment starts, finishes, fails, or is canceled.

☐ Feature flag events

401	Push Hook	0.02 sec	1 minute ago	View details
401	Push Hook	0.02 sec	15 minutes ago	View details
401	Push Hook	0.05 sec	15 minutes ago	View details
401	Push Hook	0.07 sec	15 minutes ago	View details
200	Push Hook	0.02 sec	19 minutes ago	View details
200	Push Hook	0.02 sec	19 minutes ago	View details
200	Push Hook	0.05 sec	19 minutes ago	View details
200	Push Hook	0.05 sec	20 minutes ago	View details
200	Push Hook	0.09 sec	21 minutes ago	View details

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