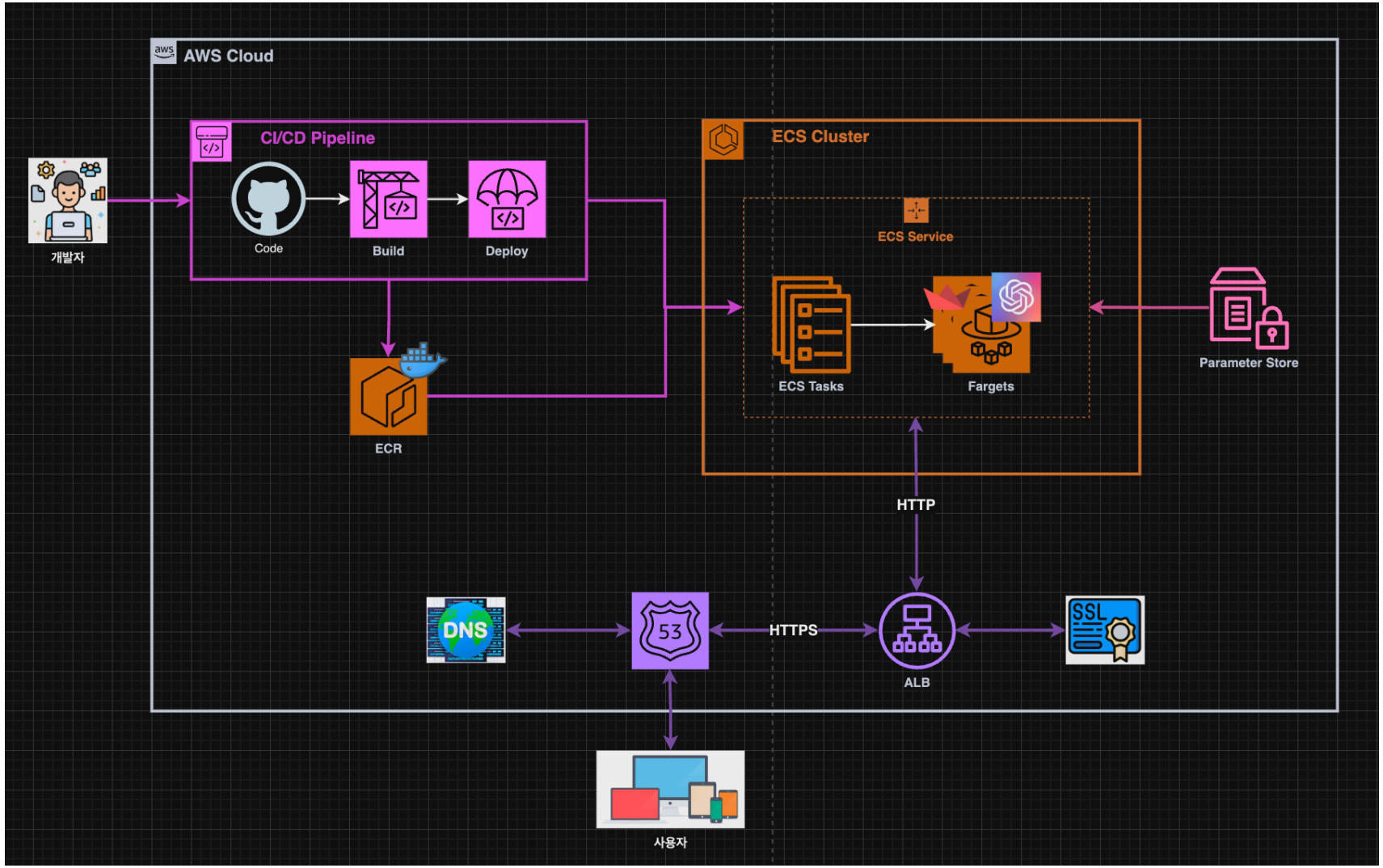
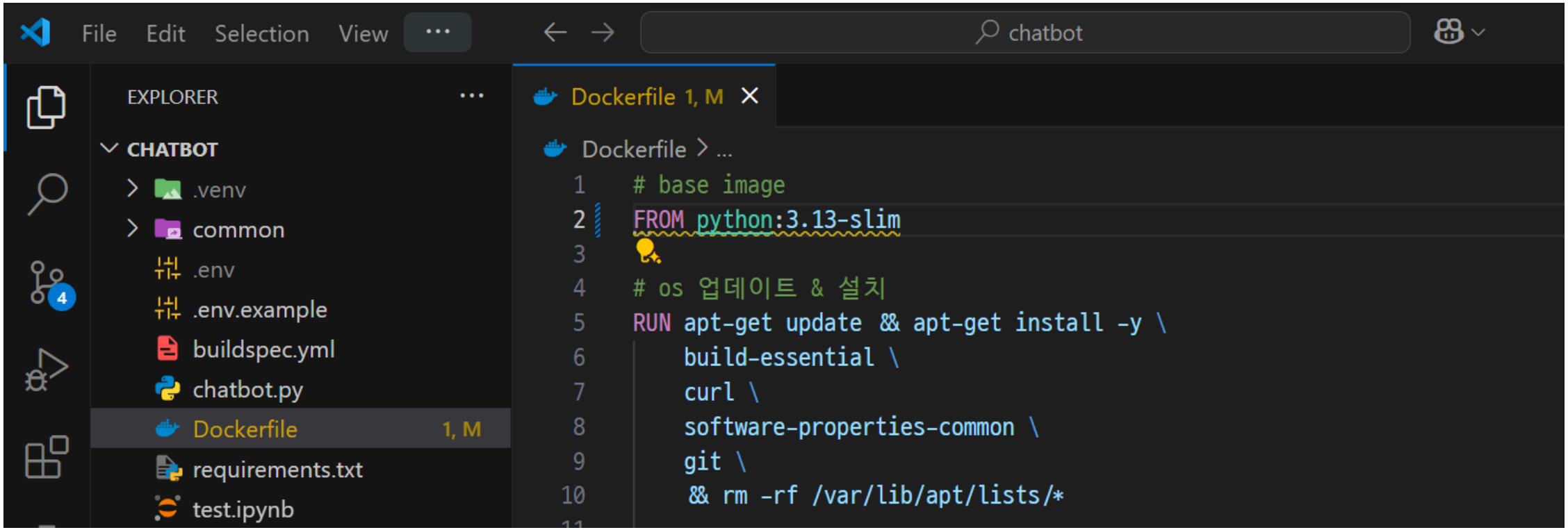
Architecture



ChatBot on Docker

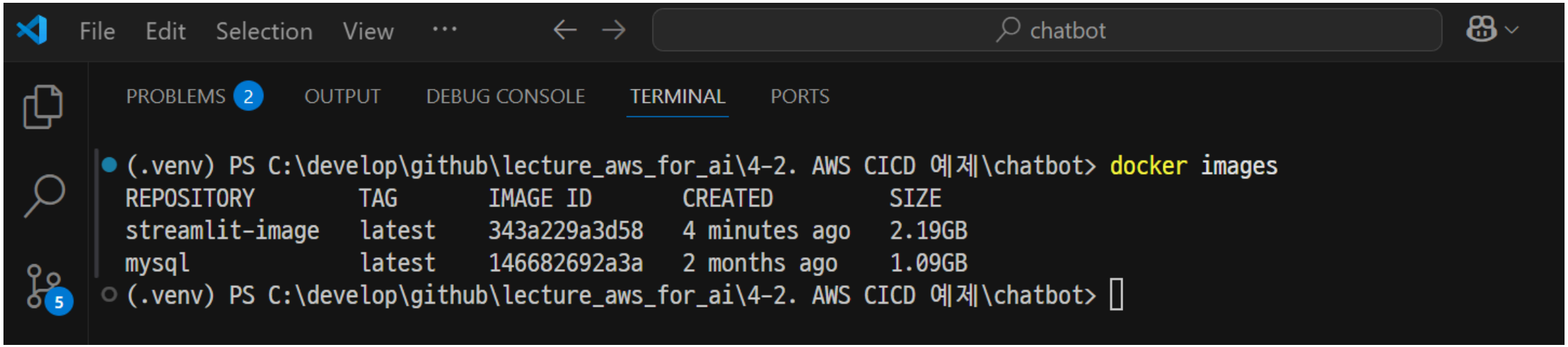
단계1: Dockerfile



단계2: Make docker image

- 명령어: `docker build --platform linux/amd64 -t [이미지명] .`

```
# Make docker image
docker build --platform linux/amd64 -t streamlit-image .
docker images # 생성된 이미지 확인
```



단계3: Run container

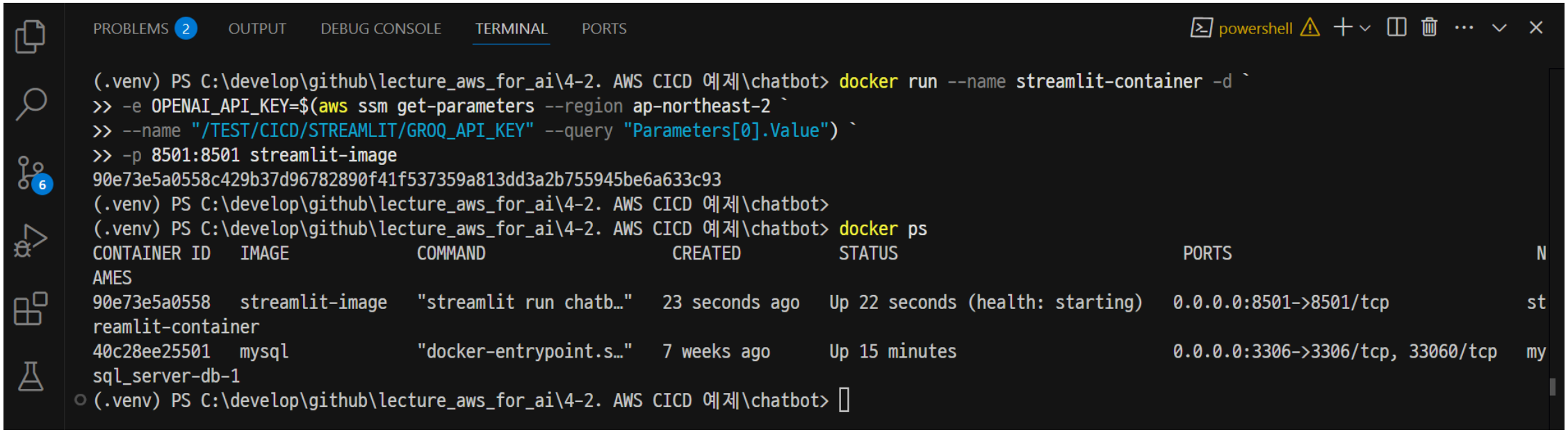
- 명령어: `docker run --name [컨테이너명] -d -e [환경변수] -p 8501:8501 [이미지명]`

```
# 리눅스
docker run --name streamlit-container -d \
-e GROQ_API_KEY=$(aws ssm get-parameters --region ap-northeast-2 \
--name "/TEST/CICD/STREAMLIT/GROQ_API_KEY" --query "Parameters[0].Value" | tr -d '"') \
-p 8501:8501 streamlit-image

docker ps # 실행중인 컨테이너 확인
```

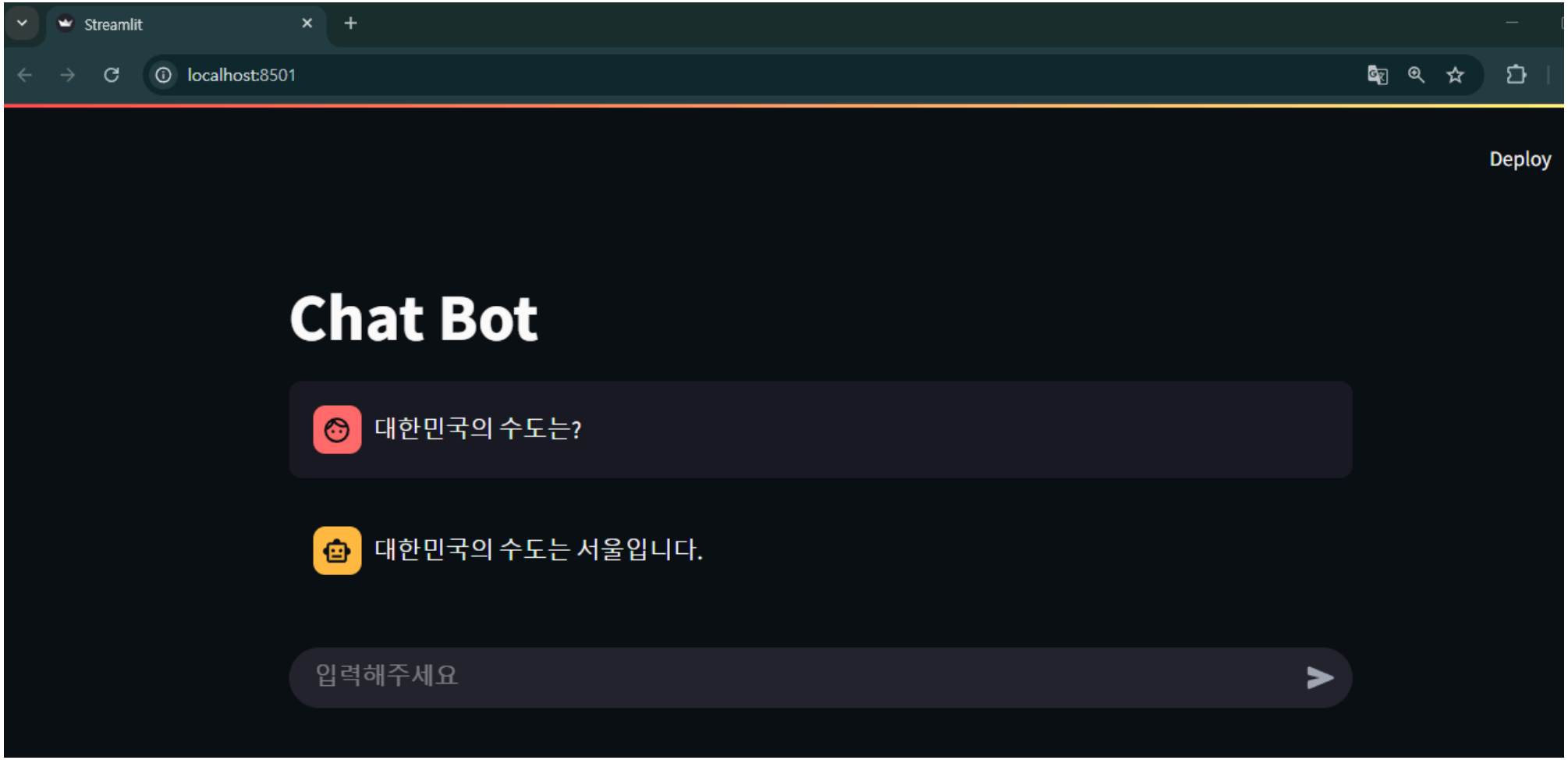
```
# 윈도우
docker run --name streamlit-container -d `
-e GROQ_API_KEY=$(aws ssm get-parameters --region ap-northeast-2 `
--name "/TEST/CICD/STREAMLIT/GROQ_API_KEY" --query "Parameters[0].Value") `
-p 8501:8501 streamlit-image

docker ps # 실행중인 컨테이너 확인
```

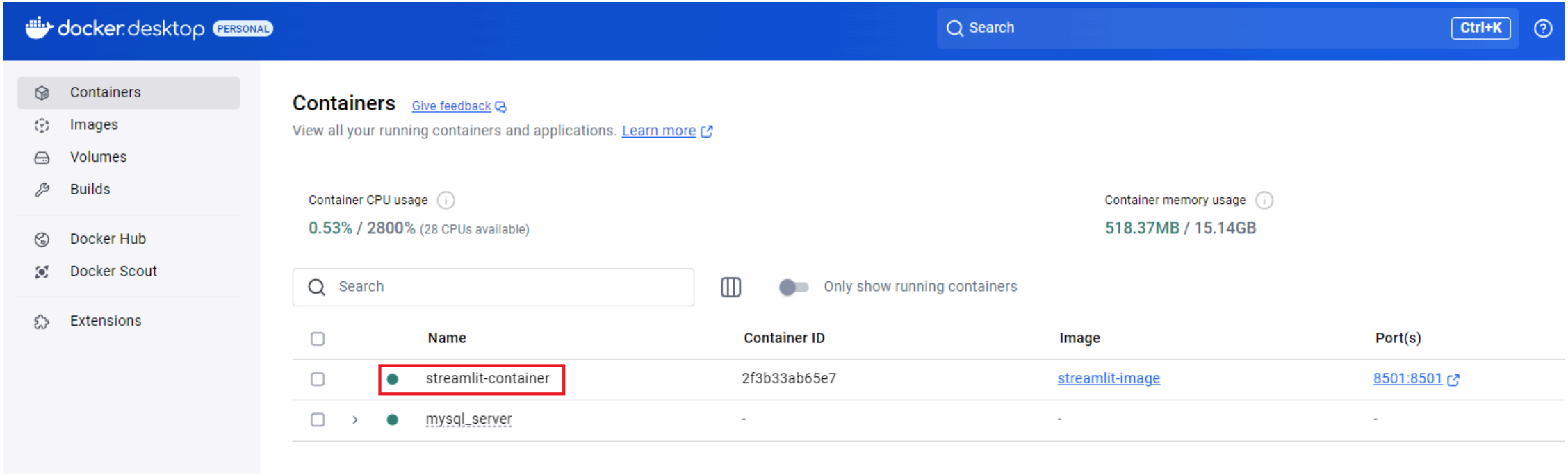


단계4: 접속 및 실행

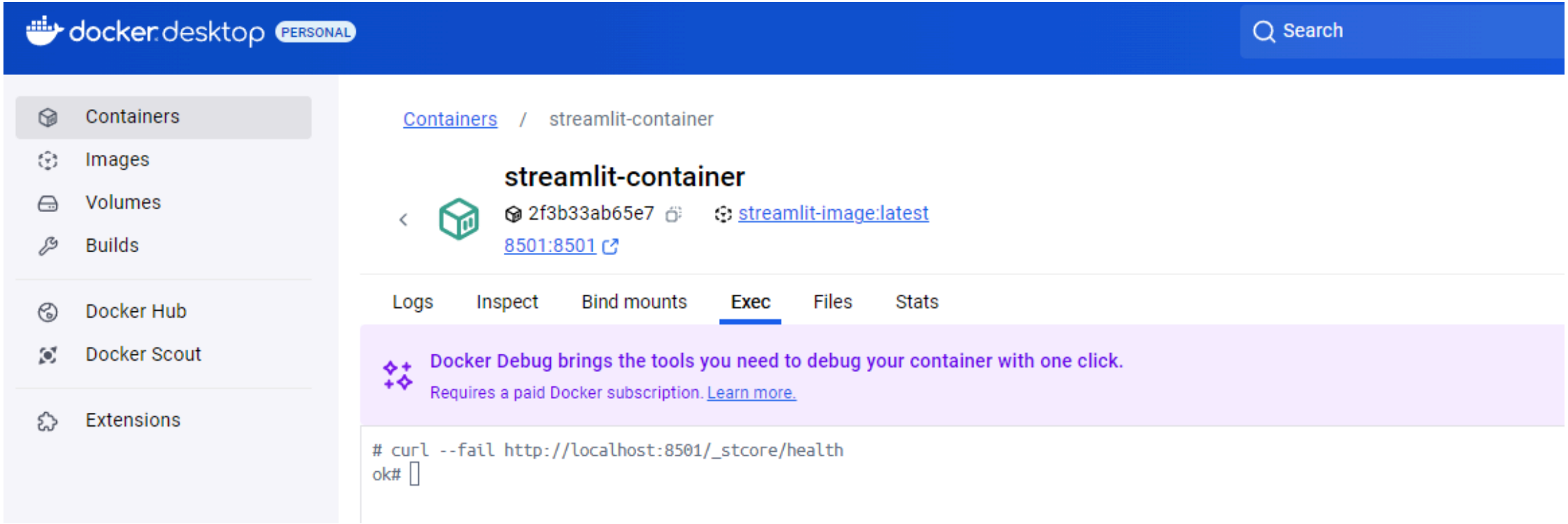
```
Local URL: http://localhost:8501
```



단계5: HEALTH CHECK



```
curl --fail http://localhost:8501/_stcore/health
```



참고

```
docker stop streamlit-container # 컨테이너 멈춤
docker ps -a # 컨테이너 멈춤 확인
docker rm streamlit-container # 컨테이너 삭제
docker rmi streamlit-image # 이미지 삭제
```