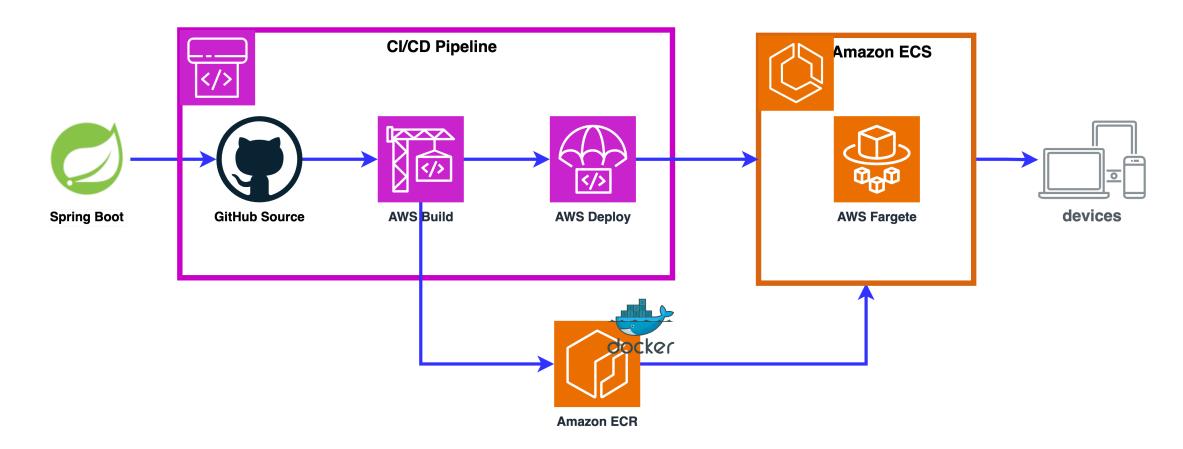
# 전체 아키텍처



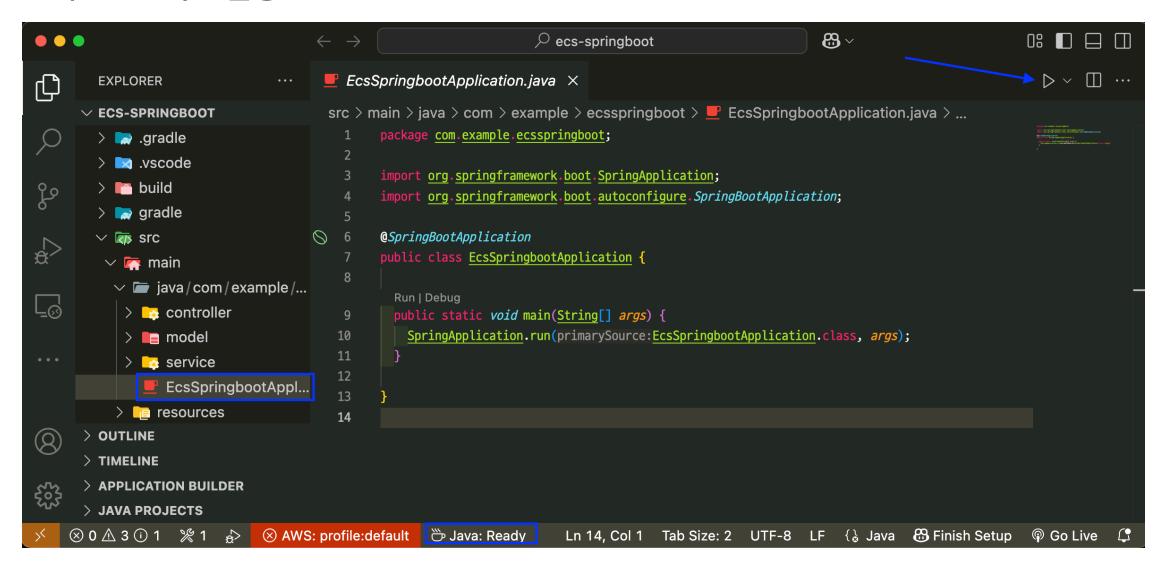
# **Spring Boot**

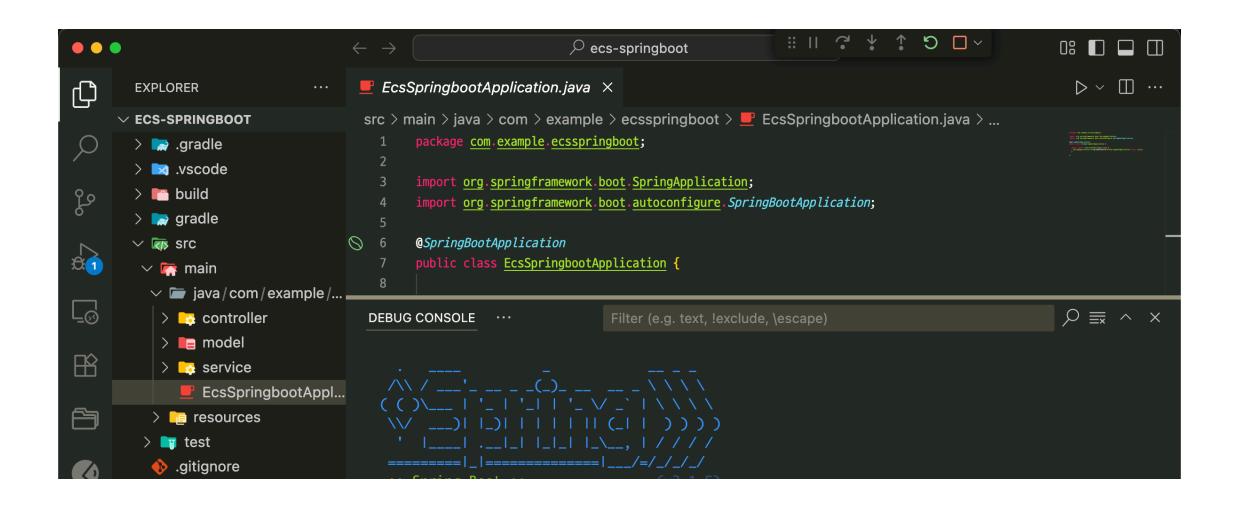
• Spring Boot는 Java 기반의 웹 애플 리케이션을 빠르고 쉽게 개발할 수 있 도록 도와주는 프레임워크입니다.



**Spring Boot** 

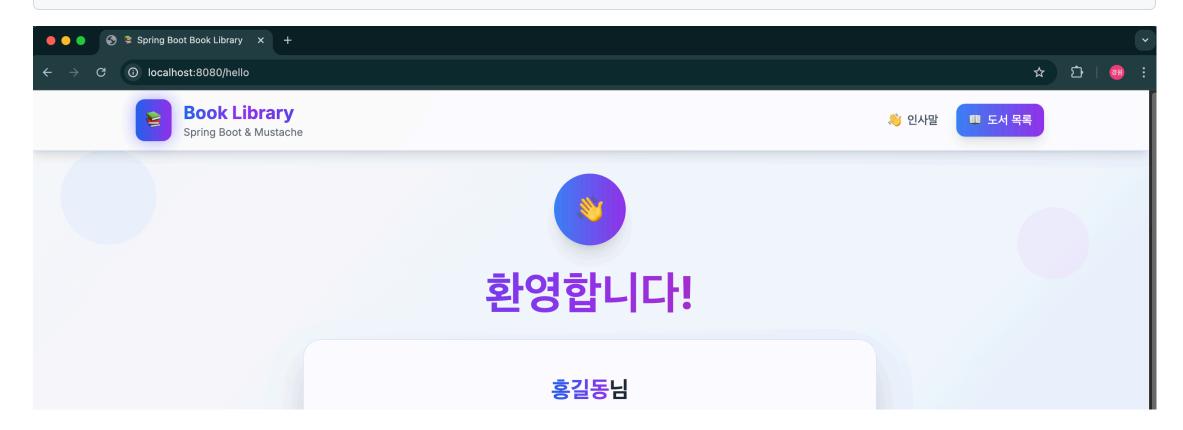
#### 단계1: 프로젝트 실행





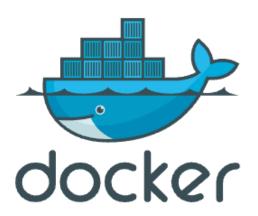
## 단계2: 프로젝트 테스트

http://localhost:8080/hello

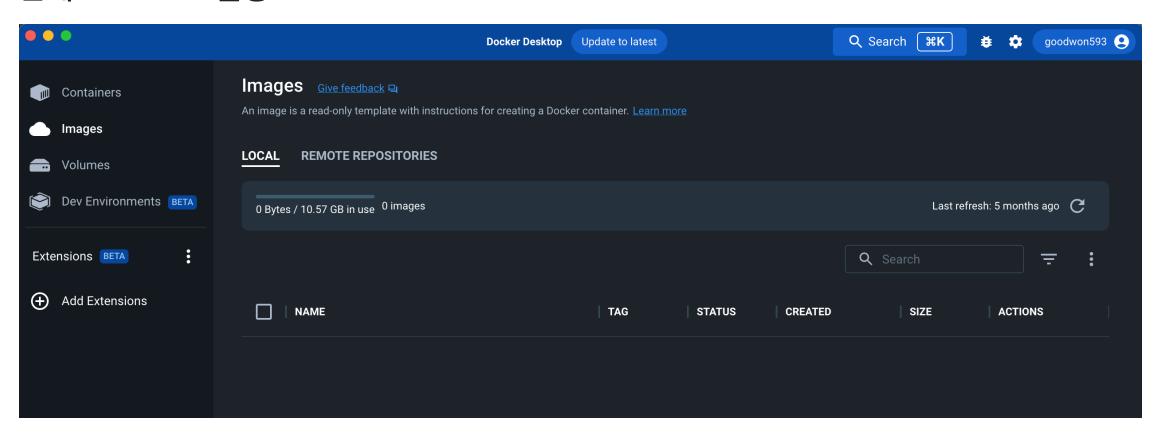


# Docker

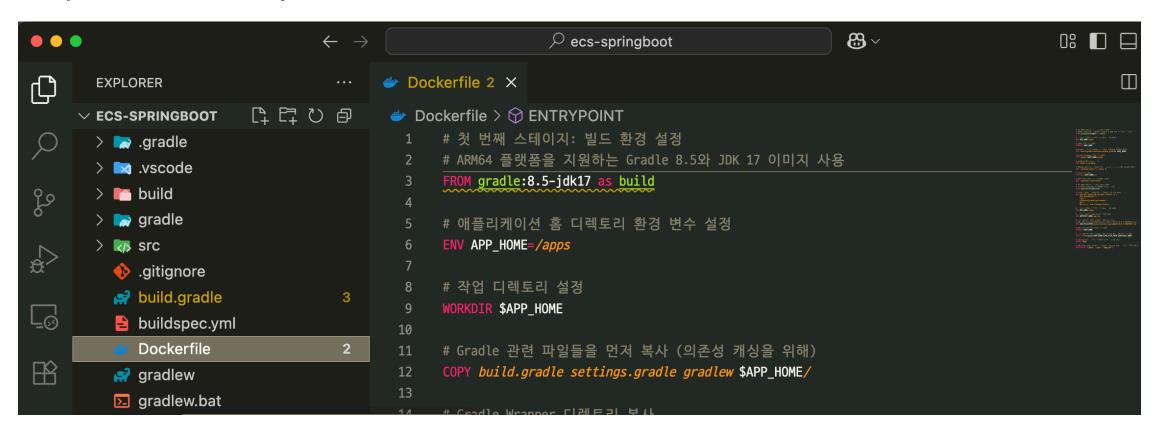
• Docker는 애플리케이션을 컨테이너 (container)라는 가상화된 환경에서 실행할 수 있도록 해주는 오픈소스 플 랫폼입니다.



### 단계1: Docker 실행

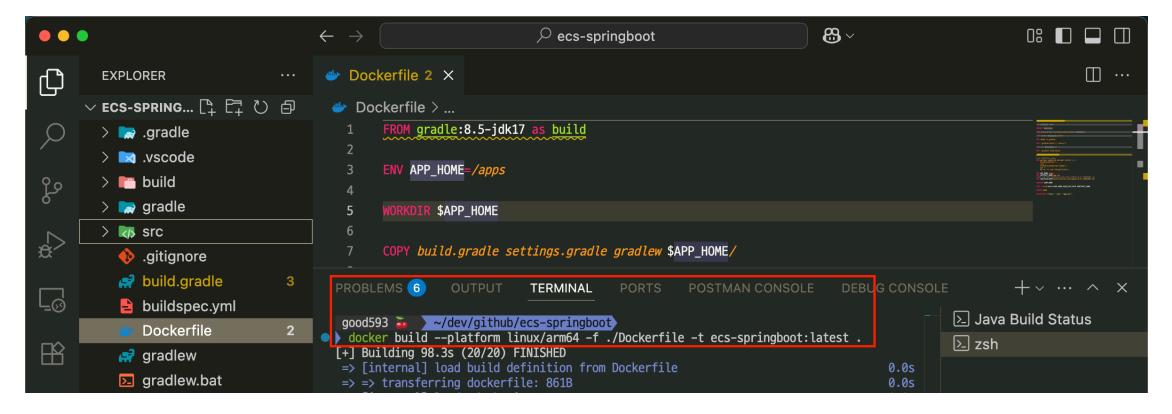


#### 단계2: Dockerfile 확인

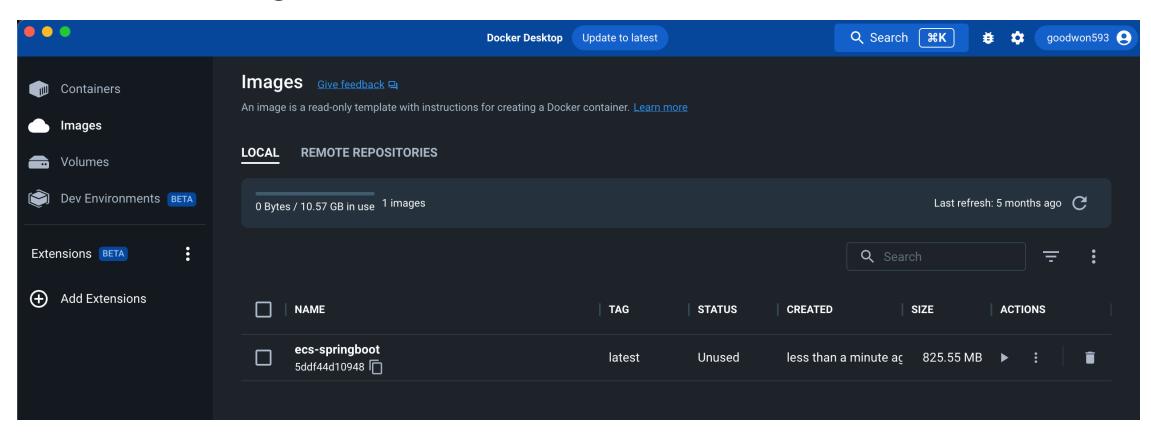


#### 단계3: Docker lamge 생성

```
# docker image 생성
docker build -f ./Dockerfile -t ecs-springboot:latest .
# ARM 기반 CPU인 경우
docker build --platform linux/arm64 -f ./Dockerfile -t ecs-springboot:latest .
```

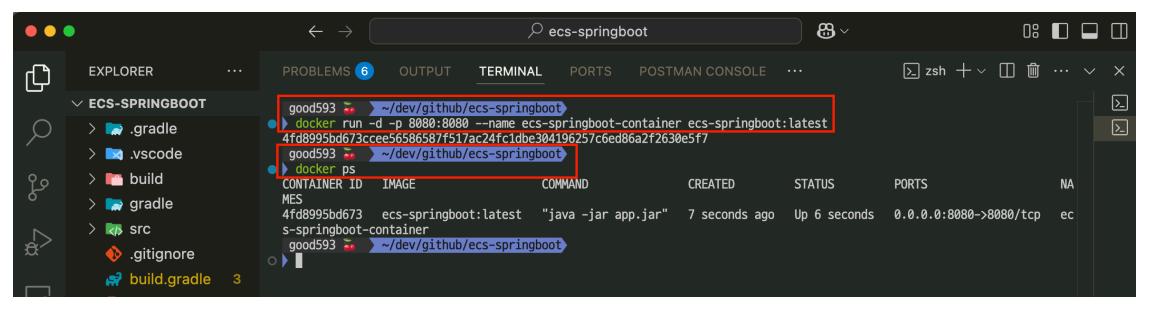


# 단계4: Docker lamge 생성 확인



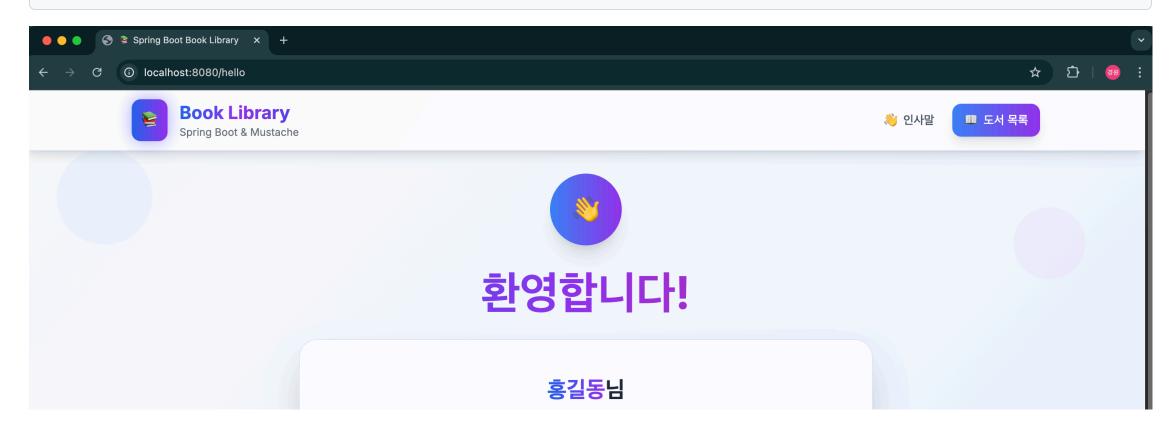
#### 단계5: Docker Container 생성 및 실행

```
# Container 생성 및 실행
docker run -d -p 8080:8080 --name ecs-springboot-container ecs-springboot:latest
# 확인
docker ps
```

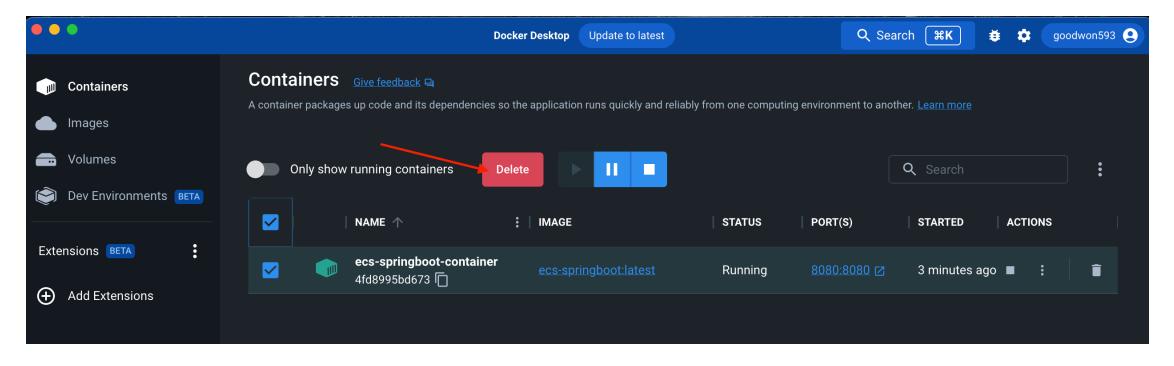


## 단계6: 테스트

http://localhost:8080/hello



### 단계5: Docker Container 삭제

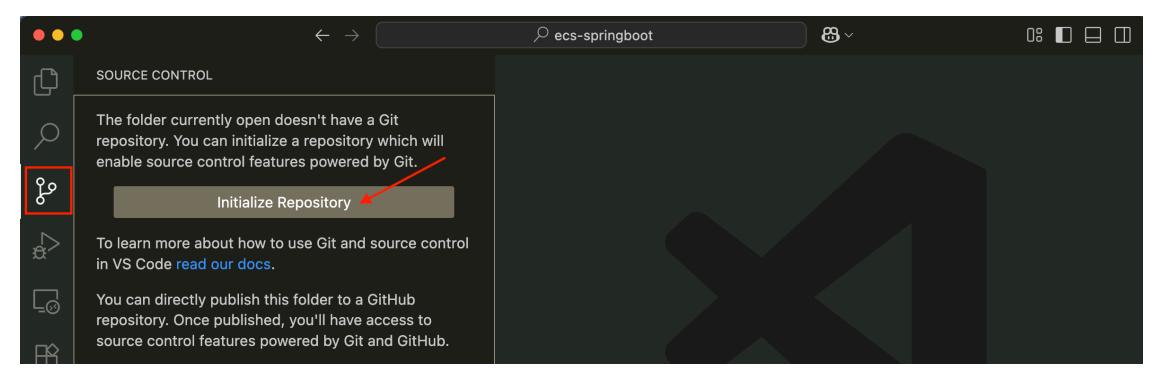


# **Github**

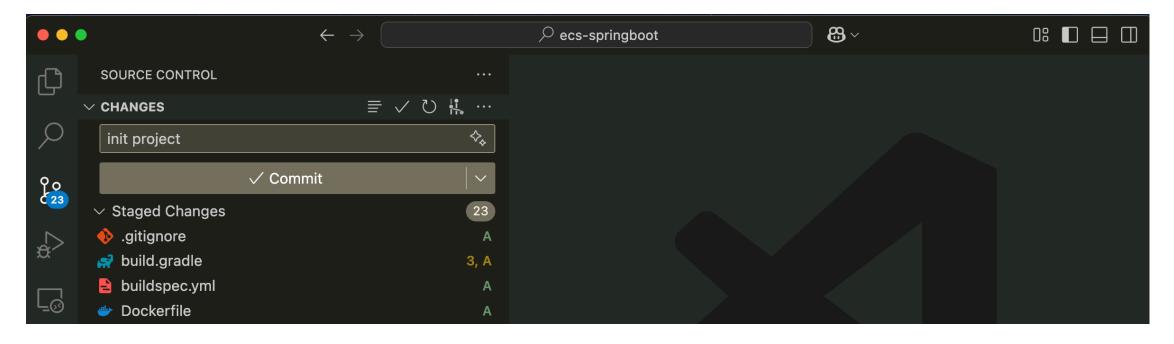
• GitHub는 개발자들이 코드를 저장하고, 협업하며, 버전 관리를 할 수 있는 웹 기반 플랫폼입니다.



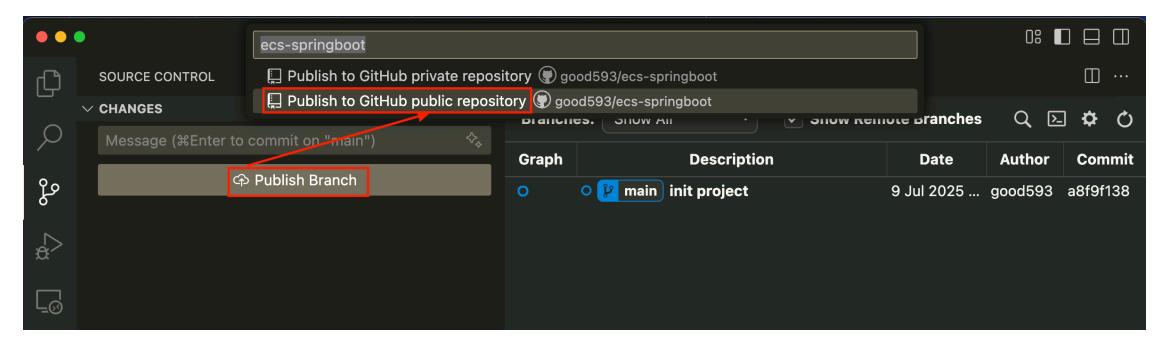
## 단계1: Initialize Repository



# 단계2: Commit



#### 단계3: Publish Branch



#### 단계4: Github에서 확인

