

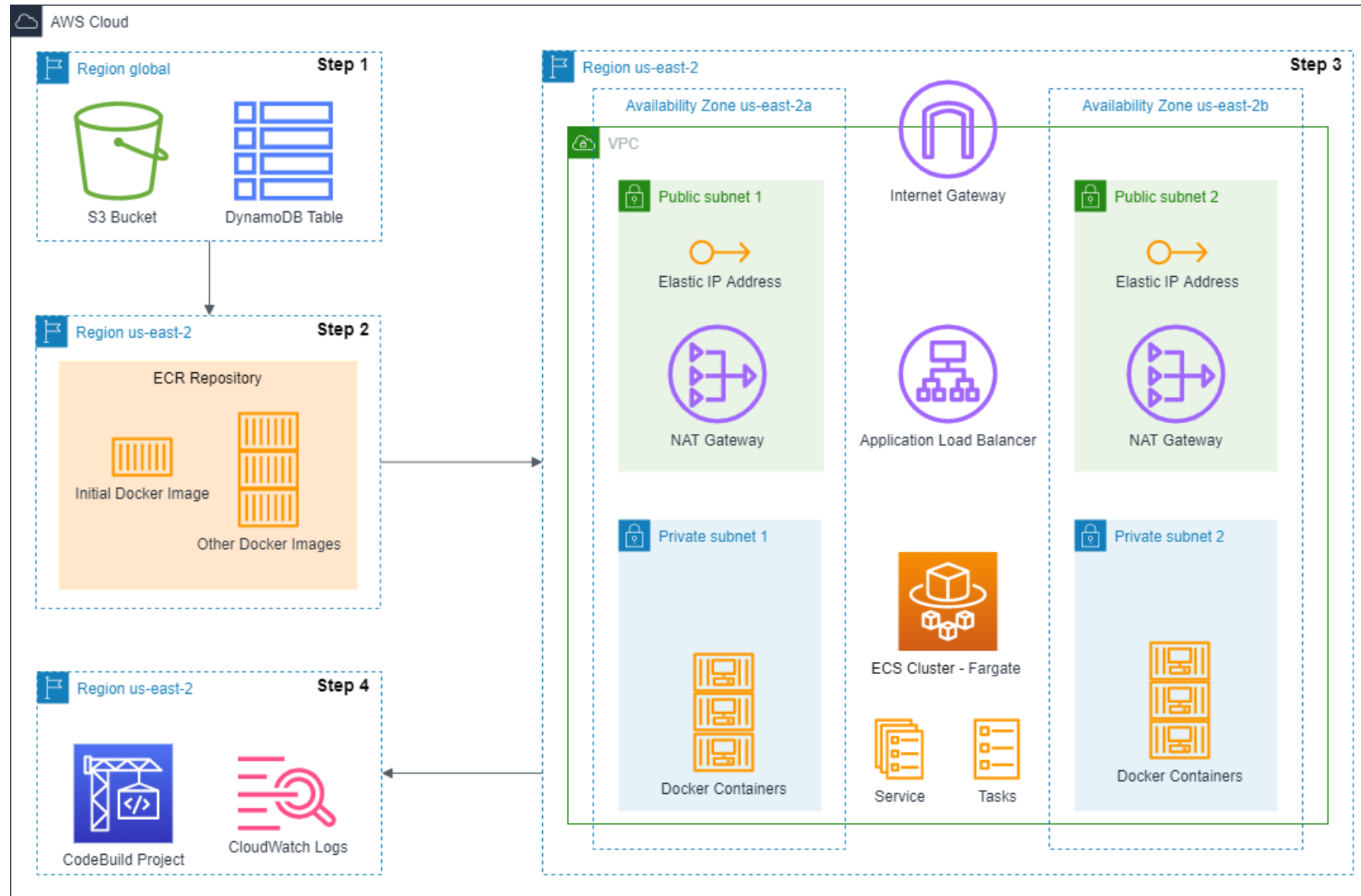
Deploy a Web Application in Docker Container on AWS Using Terraform

Mykola Shtompel

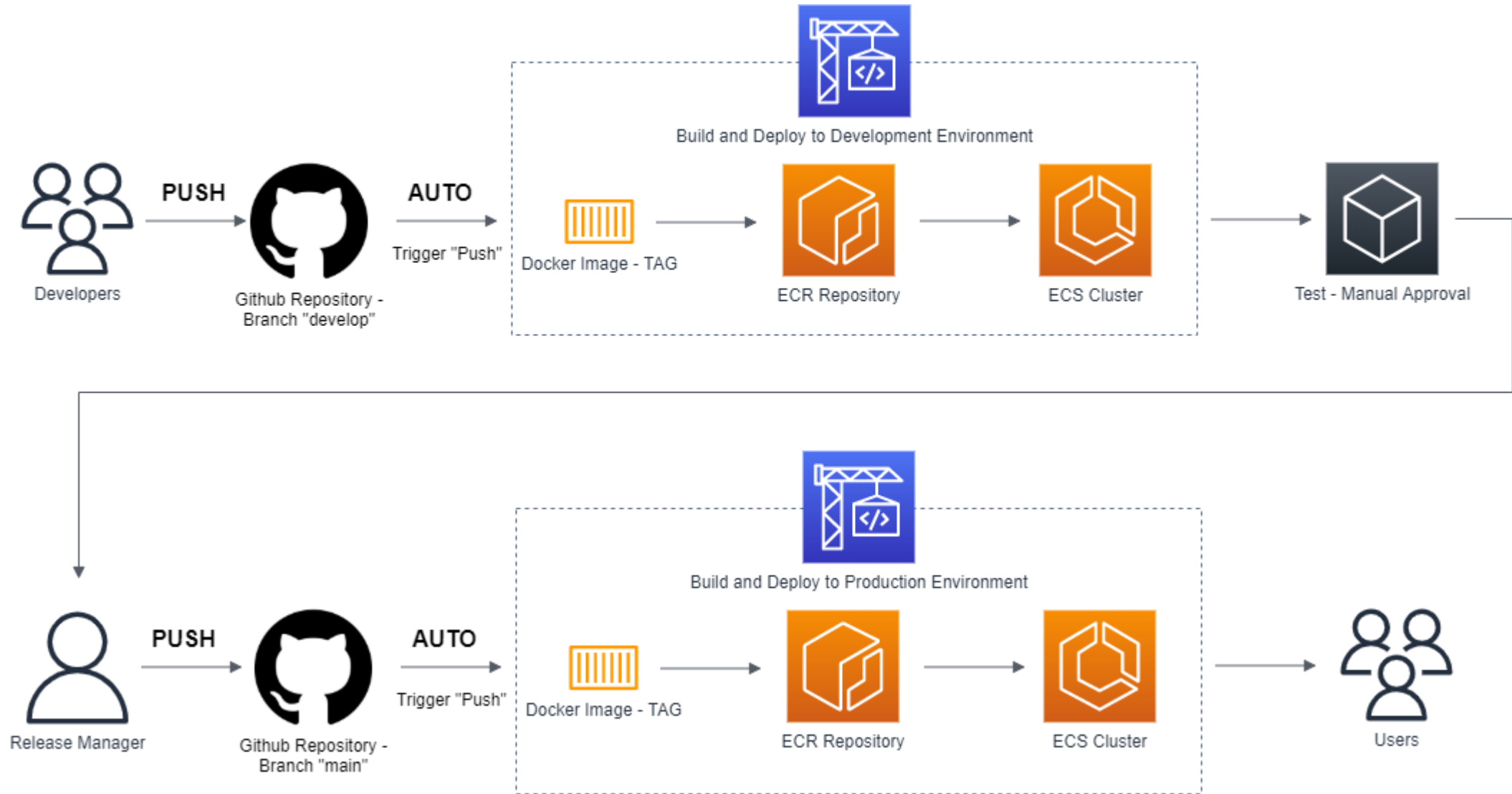
Goal, tasks

- Goal – deploy a web application in Docker container by creating AWS infrastructure and CI/CD pipeline according to the given requirements
- Tasks:
 - Examination the project requirements
 - Development of the AWS infrastructure of the project
 - Development of the CI/CD pipeline of the project
 - Implementation of the application deployment procedure using Terraform

AWS Infrastructure of Project



CI/CD Pipeline of Project



Conclusions

- To deploy a web application in Docker container by creating a cloud infrastructure and CI/CD pipeline on AWS, it is advisable to use Terraform
- To implement different environments, you can use .tfvars files with specified variable values and store the .tfstate files in different S3 buckets

Thank You

Github repository:

https://github.com/mykshtompel/final_demo