

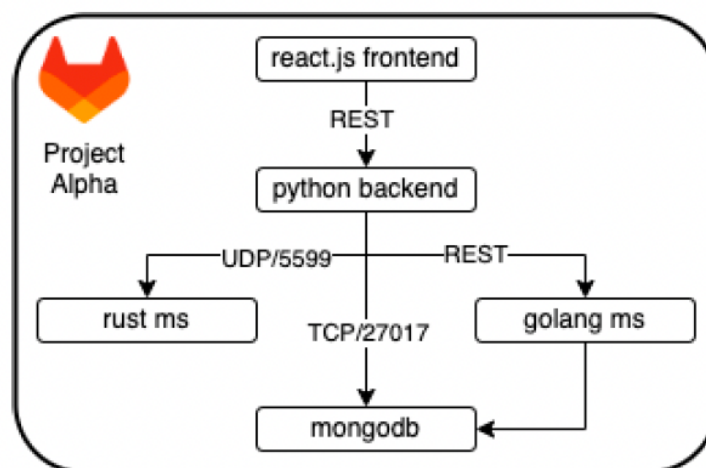
# Gitlab-EKS DevOps Challenge

**Overview:** You are asked to create CI/CD pipelines for Project Alpha. The project code is defined under a gitlab group in separate repositories:

Project-alpha (group)

- frontend (repo)
- backend (repo)
- golang-ms (repo)
- rust-ms (repo)

The deployment diagram looks like this:



The target deployment environment is an AWS EKS cluster.

Please provide details on the steps you would take to handle this task. You do not need to write any scripts or provide any configs. The goal of this challenge is to showcase your understanding of the steps that need to be taken to tackle the challenge. Please also provide your ETA for each of the steps that you might need to complete during this task and a general ETA for the task completion.

Example answer:

Short description: In order to do this task I would start by... then... and then... and finally...

Details are listed below:

Stage1: ...

- Step1: ...
- Step2: ...
- Step3: ...

Stage2: ...