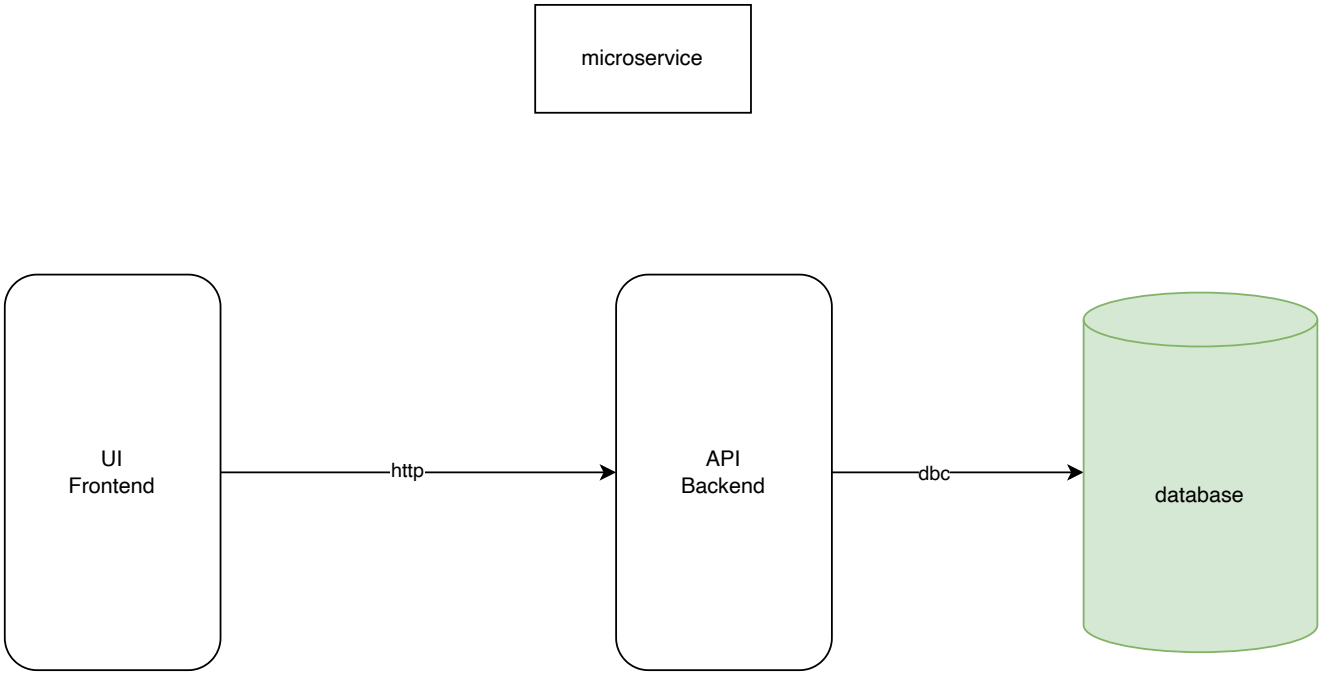
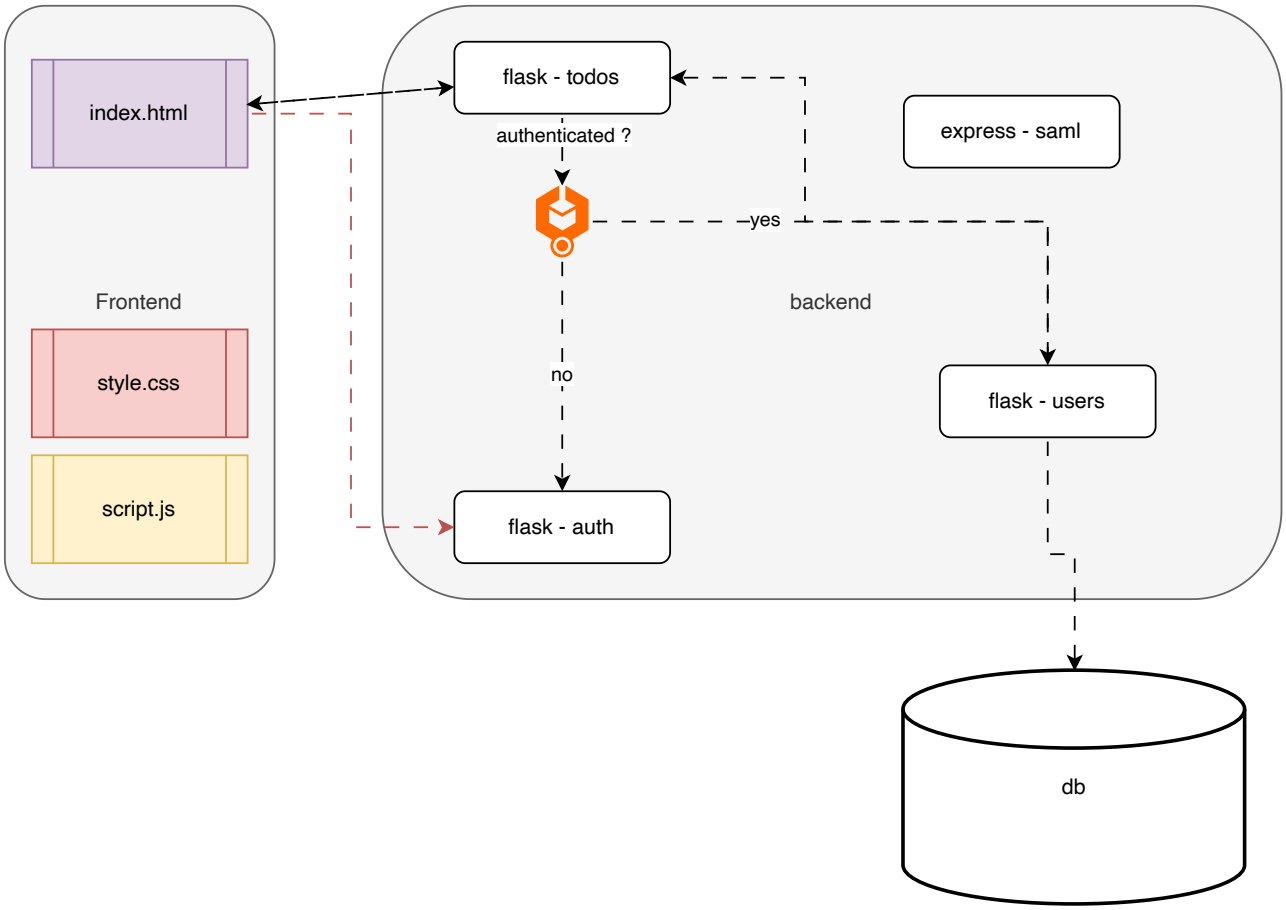
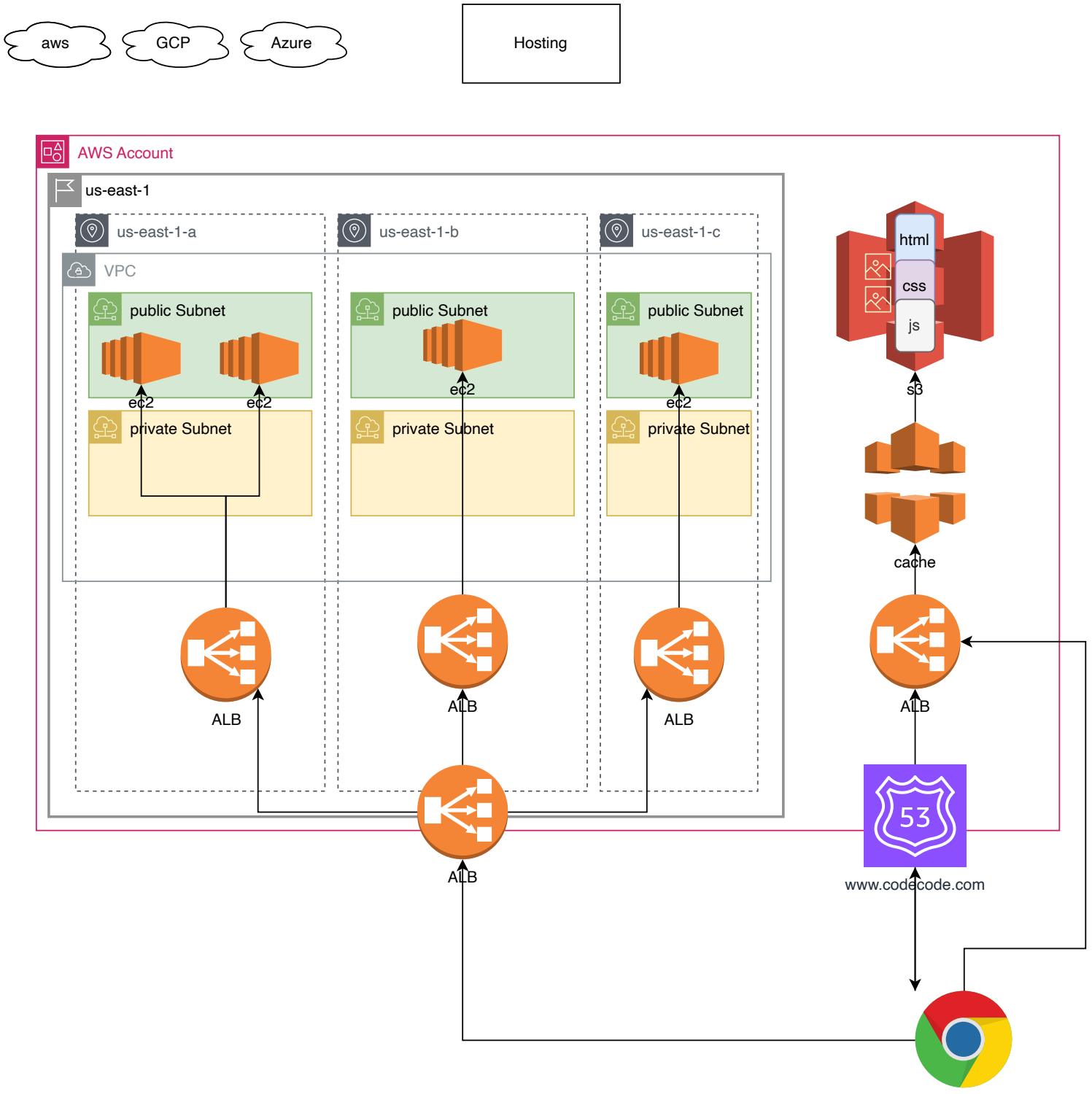

microservice
UI
Frontend
http
API
Backend
dbc
database

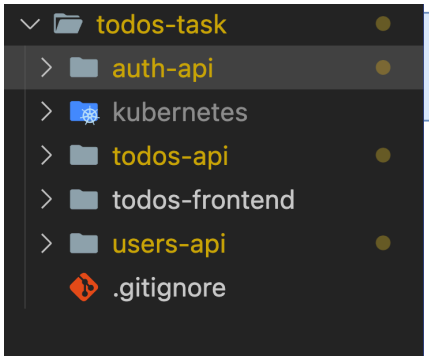

index.html
Frontend
style.css
script.js
flask - todos
authenticated ?
yes
no
backend
express - saml
flask - users
flask - auth
db


aws
GCP
Azure
Hosting
AWS Account
us-east-1
us-east-1-a
us-east-1-b
us-east-1-c
VPC
public Subnet
public Subnet
public Subnet
ec2
ec2
ec2
ec2
private Subnet
private Subnet
private Subnet
ALB
ALB
ALB
ALB
html
css
js
s3
cache
ALB
53
www.codecode.com

exercise 1

https://github.com/hothaifa96/todos

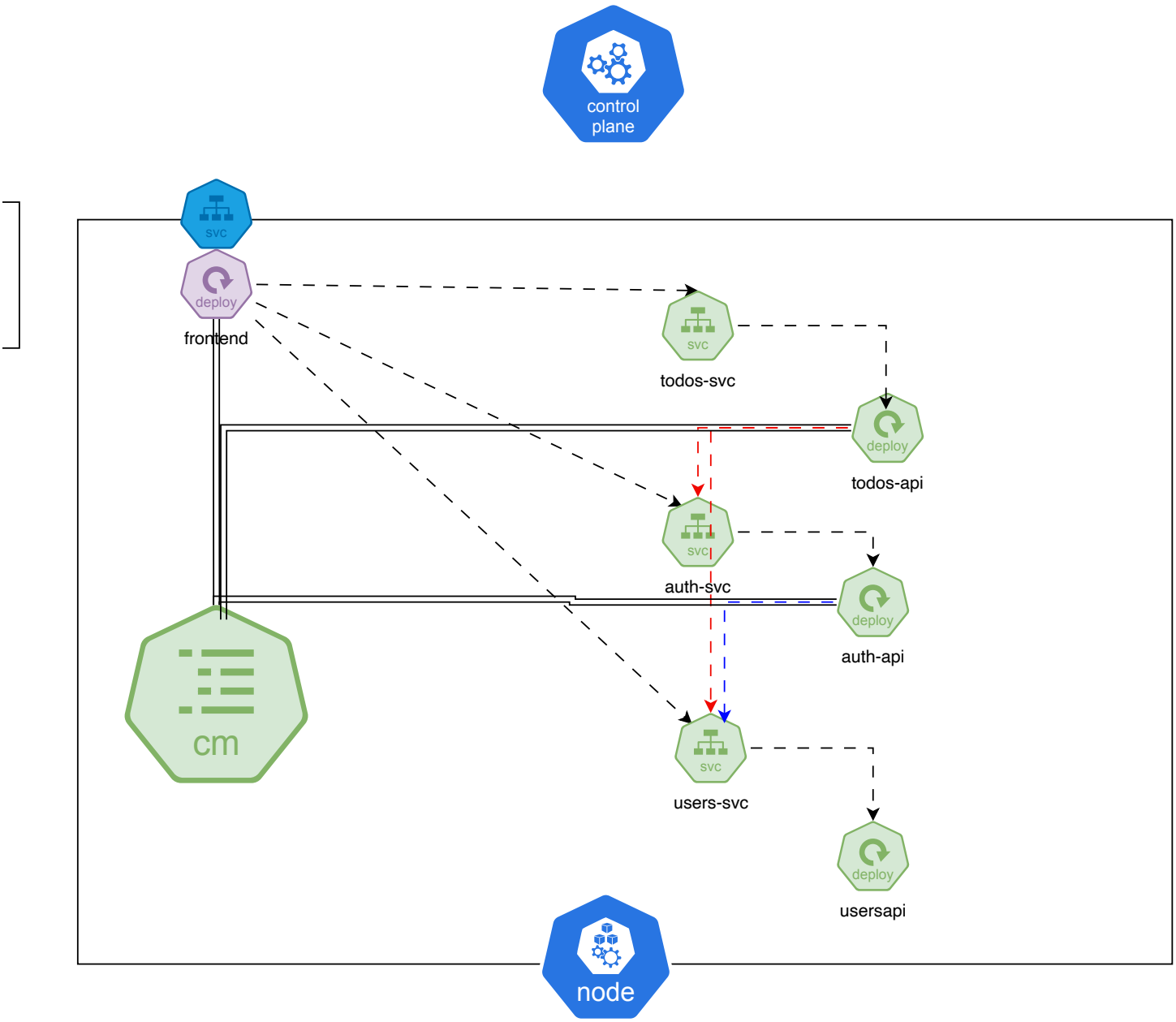
ENV



deployment.yml
srv nodeport

html

git clone
git pull


control plane
svc
deploy
frontend
svc
todos-svc
deploy
todos-api
svc
auth-svc
deploy
auth-api
cm
svc
users-svc
deploy
usersapi
node