

## **Dockerfile**

FROM nginx:alpine

COPY dist/ /usr/share/nginx/html/

EXPOSE 3000

CMD ["nginx", "-g", "daemon off;"]

## **Buildspec.yml**

version: 0.2

phases:

pre\_build:

commands:

- echo Logging in to Amazon ECR...
- aws ecr get-login-password --region ap-south-1 | docker login --username AWS --password-stdin \$ACCOUNT\_ID.dkr.ecr.ap-south-1.amazonaws.com

build:

commands:

- docker build -t brain-tasks-app .
- docker tag brain-tasks-app:latest \$ACCOUNT\_ID.dkr.ecr.ap-south-1.amazonaws.com/brain-tasks-app:latest

post\_build:

commands:

- docker push \$ACCOUNT\_ID.dkr.ecr.ap-south-1.amazonaws.com/brain-tasks-app:latest

## **Appspec.yml**

version: 0.0

Resources:

- TargetService:

Type: AWS::EKS::Service

Properties:

TaskDefinition: k8s/deployment.yaml

LoadBalancerInfo:

ContainerName: brain-tasks-app

ContainerPort: 80

### **Service.yaml**

apiVersion: v1

kind: Service

metadata:

name: brain-app-service

spec:

type: LoadBalancer

selector:

app: brain-tasks-app

ports:

- port: 80

targetPort: 80

### **deployment.yaml**

apiVersion: apps/v1

kind: Deployment

metadata:

name: brain-tasks-app

spec:

replicas: 2

selector:

matchLabels:

app: brain-tasks-app

template:

metadata:

labels:

app: brain-tasks-app

spec:

containers:

- name: brain-tasks-app

image: 080434618343.dkr.ecr.ap-south-1.amazonaws.com/brain-tasks-app:latest

ports:

- containerPort: 80