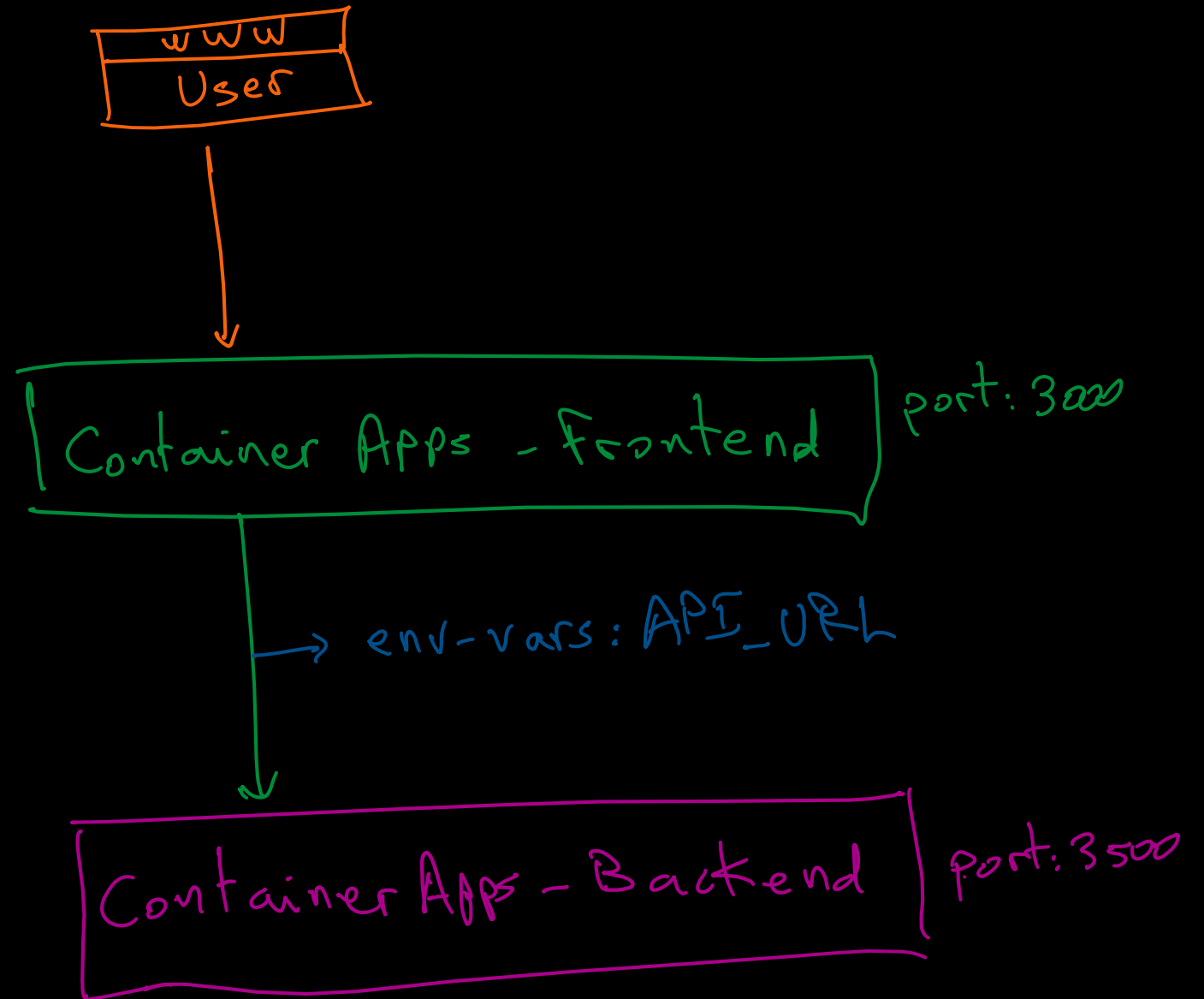


Demo

Deploying backend & frontend in Container Apps using Azure CLI



Create Container Apps
Environment

Create Container Apps
Backend

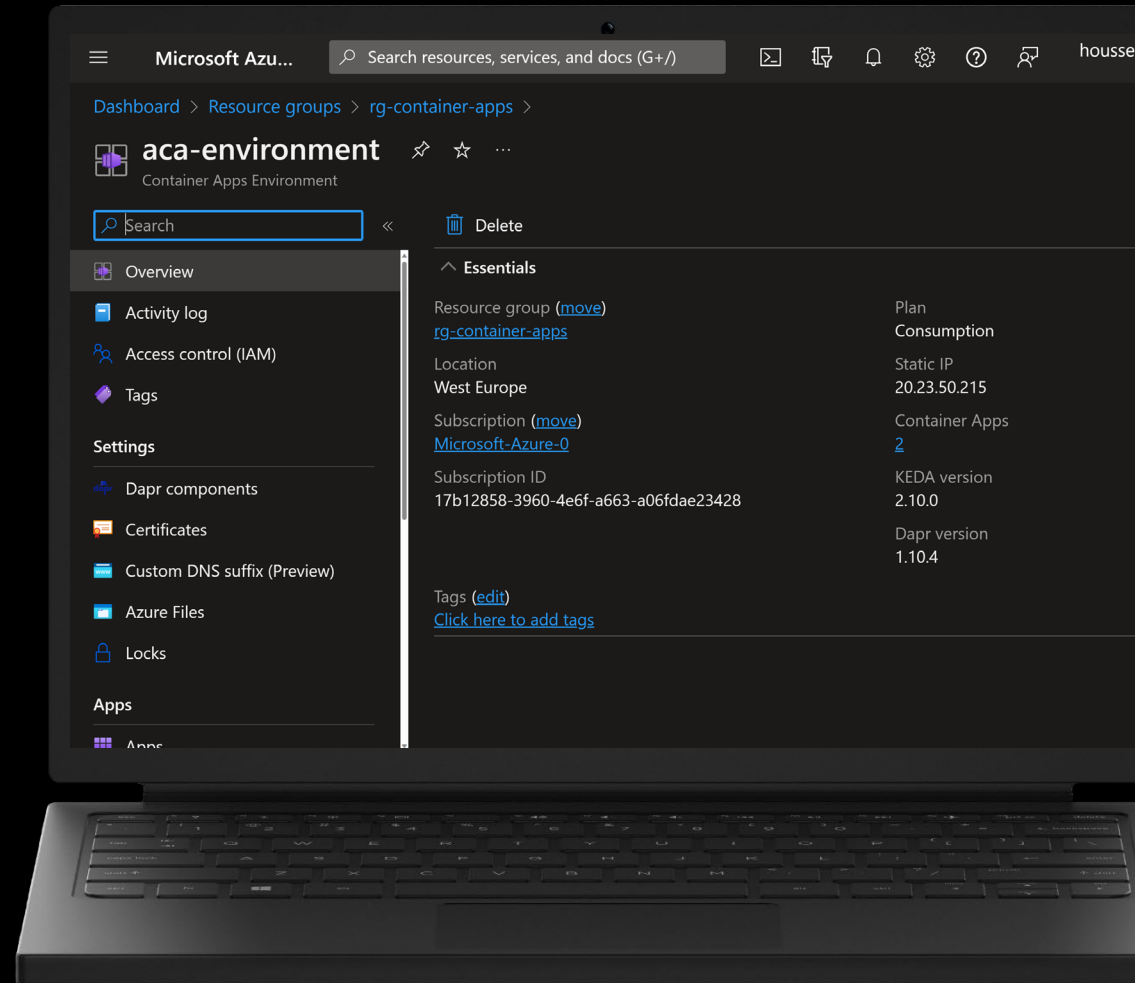
Create Container
Apps Frontend

Create ACA Environment

```
$RESOURCE_GROUP="rg-container-apps"  
$LOCATION="westeurope"  
$CONTAINERAPPS_ENVIRONMENT="aca-environment"  
$CONTAINERAPPS_BACKEND="aca-app-backend-api"  
$CONTAINERAPPS_FRONTEND="aca-app-frontend-ui"
```

```
az group create `  
  --name $RESOURCE_GROUP `  
  --location $LOCATION
```

```
# create ACA Environment  
az containerapp env create `  
  --name $CONTAINERAPPS_ENVIRONMENT `  
  --resource-group $RESOURCE_GROUP `  
  --location $LOCATION
```



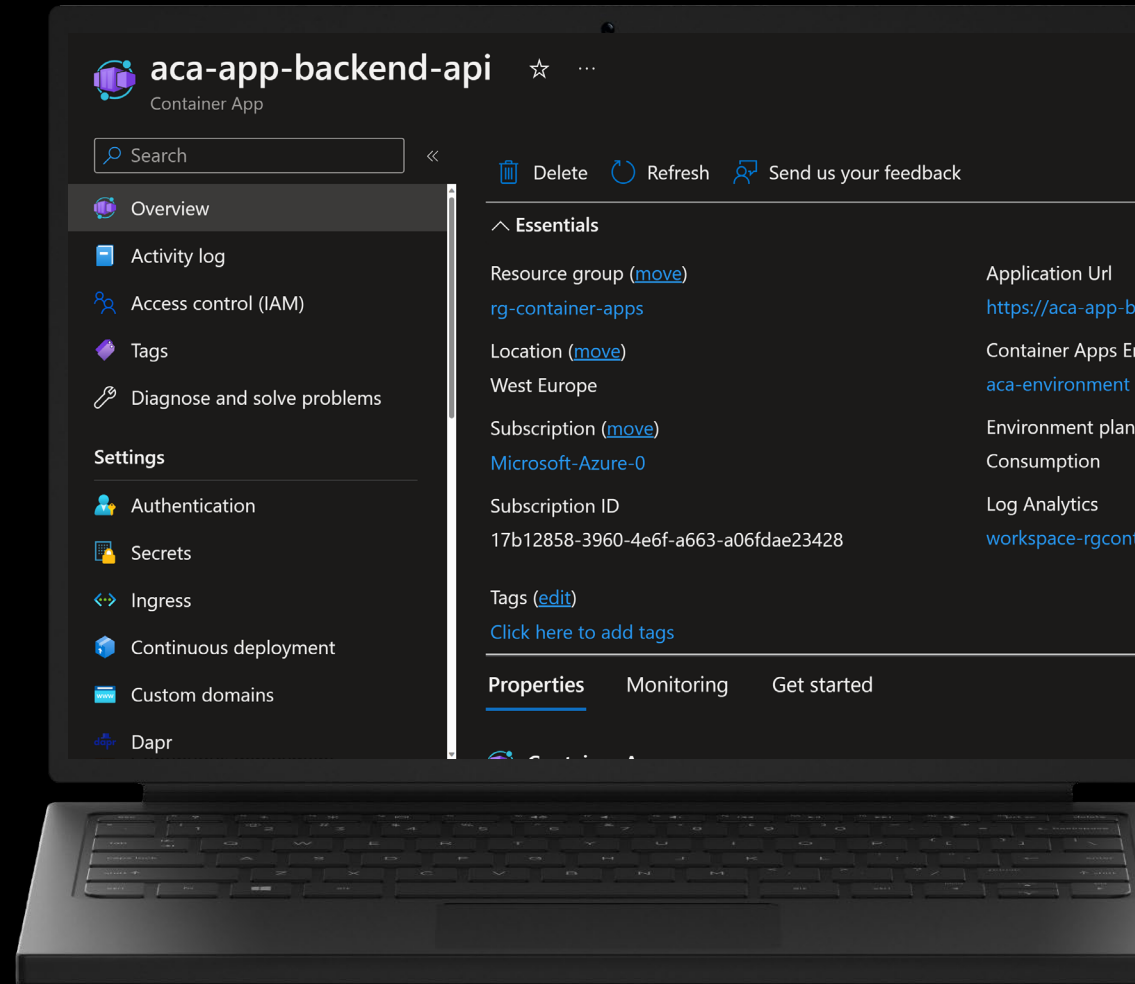
Create Container Apps
Environment

Create Container Apps
Backend

Create Container
Apps Frontend

Deploy Backend container image

```
az containerapp create `
  --name $CONTAINERAPPS_BACKEND `
  --resource-group $RESOURCE_GROUP `
  --environment $CONTAINERAPPS_ENVIRONMENT `
  --image ghcr.io/houssemdellai/containerapps-
album-backend:v1 `
  --target-port 3500 `
  --ingress 'external'
```

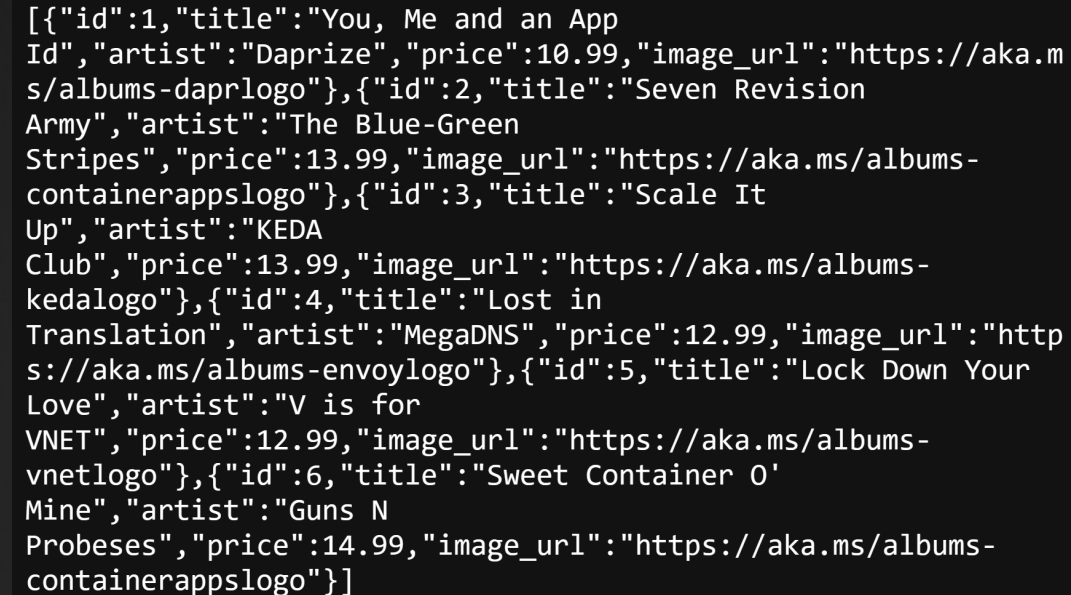


Deploy Backend container image

```
az containerapp create `
  --name $CONTAINERAPPS_BACKEND `
  --resource-group $RESOURCE_GROUP `
  --environment $CONTAINERAPPS_ENVIRONMENT `
  --image ghcr.io/houssemdellai/containerapps-
album-backend:v1 `
  --target-port 3500 `
  --ingress 'external'
```

```
az containerapp show `
  --name $CONTAINERAPPS_BACKEND `
  --resource-group $RESOURCE_GROUP `
  --query
properties.configuration.ingress.fqdn
```

```
# aca-app-backend-api.gentledune-
750d8b24.westeurope.azurecontainerapps.io
```

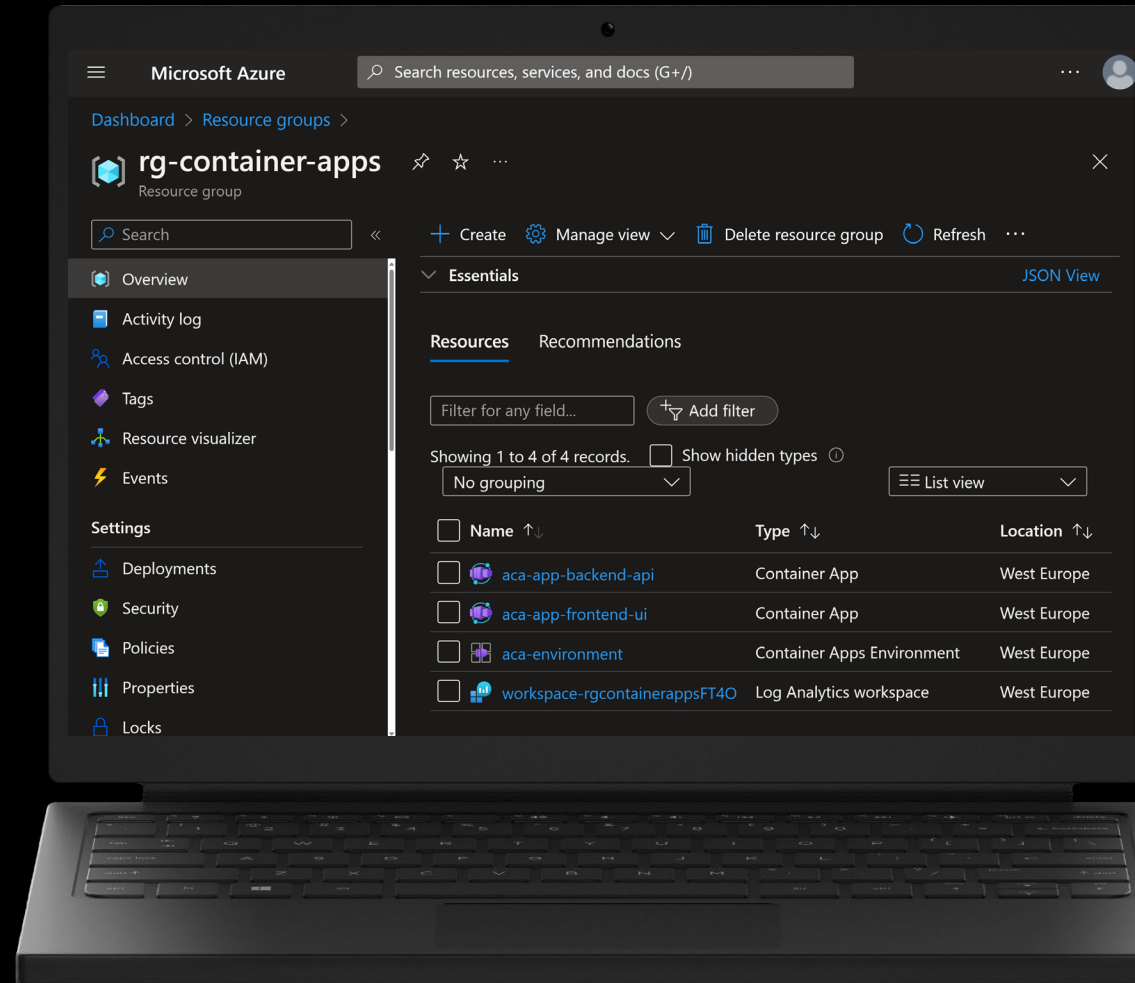


The laptop screen shows a web browser with the URL `https://aca-app-backend-api.wonderfulsmoke...`. The browser displays a REST client interface with a JSON array of album data. The data includes fields for id, title, artist, price, and image_url. The array contains six objects representing different albums.

```
[{"id":1,"title":"You, Me and an App  
Id","artist":"Daprize","price":10.99,"image_url":"https://aka.ms/albums-daprlogo"}, {"id":2,"title":"Seven Revision  
Army","artist":"The Blue-Green  
Stripes","price":13.99,"image_url":"https://aka.ms/albums-  
containerappslogo"}, {"id":3,"title":"Scale It  
Up","artist":"KEDA  
Club","price":13.99,"image_url":"https://aka.ms/albums-  
kedalogo"}, {"id":4,"title":"Lost in  
Translation","artist":"MegaDNS","price":12.99,"image_url":"http  
s://aka.ms/albums-envoylogo"}, {"id":5,"title":"Lock Down Your  
Love","artist":"V is for  
VNET","price":12.99,"image_url":"https://aka.ms/albums-  
vnetlogo"}, {"id":6,"title":"Sweet Container O'  
Mine","artist":"Guns N  
Probeses","price":14.99,"image_url":"https://aka.ms/albums-  
containerappslogo"}]
```

Deploy Frontend container image

```
az containerapp create `
  --name $CONTAINERAPPS_FRONTEND `
  --resource-group $RESOURCE_GROUP `
  --environment $CONTAINERAPPS_ENVIRONMENT `
  --image ghcr.io/houssemdellai/containerapps-
album-frontend:v1 `
  --target-port 3000 `
  --ingress 'external' `
  --env-vars API_BASE_URL=https://$API_BASE_URL
```



Deploy Frontend container image

```
az containerapp create `
  --name $CONTAINERAPPS_FRONTEND `
  --resource-group $RESOURCE_GROUP `
  --environment $CONTAINERAPPS_ENVIRONMENT `
  --image ghcr.io/houssemdellai/containerapps-
album-frontend:v1 `
  --target-port 3000 `
  --ingress 'external' `
  --env-vars API_BASE_URL=https://$API_BASE_URL
```

```
az containerapp show `
  --name $CONTAINERAPPS_FRONTEND `
  --resource-group $RESOURCE_GROUP `
  --query properties.configuration.ingress.fqdn
```

```
# "aca-app-frontend-ui.wonderfulsmoke-
23b50e83.westeurope.azurecontainerapps.io"
```

