**REFERENCES**

**Azure Bicep**

https://learn.microsoft.com/en-us/azure/azure-resource-manager/bicep/overview?tabs=bicep

**Quick Start Templates**

https://github.com/Azure/azure-quickstart-templates/blob/master/quickstarts/microsoft.containerinstance/aci-vnet/main.bicep

https://github.com/Azure/azure-quickstart-templates/blob/master/quickstarts/microsoft.network/application-gateway-v2-autoscale-create/main.bicep

https://github.com/Azure/azure-quickstart-templates/blob/master/quickstarts/microsoft.network/traffic-manager-external-endpoint/main.bicep

**Create Resource Group**

az group create --location canadacentral --resource-group andrewreid

az group create --location canadacentral --resource-group testandrewreid

**Deploy Bicep File(s)**

az deployment group create --resource-group 'name' --template-file 'name'.bicep

**STOP APPLICATION GATEWA**

az network application-gateway stop -g MyResourceGroup -n MyAppGateway

**BUILD CONTAINER REFERENCE**

https://www.youtube.com/watch?v=SnSH8Ht3MIc

**PUSH IMAGE REFERENCE**

https://www.youtube.com/watch?v=r\_tGl4zF1ZQ

**BUILD DOCKER:**

*Go to docker directory I created with files in it, in PowerShell as admin*

docker login --username krspychicken

docker build -t containerversion1 .

*(Should finish if done right)*

**TO CHECK IMAGE:**

docker images

**BUILD CONTAINER:**

docker run -d -p 80:80 containerv1

**Docker HUB Reference Link** *(to my 2 containers;v1&v2)*

<https://hub.docker.com/u/krspychicken>

8 Bicep Files made from references

* 3 for Version 1 deployment
* 3 for test pipeline
* 2 for version 2 deployment