Cloud Technologies Resources

All the training materials and the resources used for training are available under https://github.com/ramakris/gentfg-kubernetes
Depending on the session we are covering , go to the respective session for material.

Things to do

Go to https://cloud.docker.com and create a free account

Go to Github.com and create an account.

Amazon AWS

This is by far the most popular cloud resource that you can have. Pretty much every conceivable resource is available. TO get started go to the below URL and create an Amazon AWS account. This is different from your existing Amazon shopping account (although the same can be used)

https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-console-login.html

Amazon gives a low end free tier Virtual Machine to be used for 750 hours per year (that could change). **Note that there is NO free volumes /disks etc that are available.**

Google Cloud

Google cloud is another big provider . Google provides $300 worth of resources for FREE when you sign up . They would be lost in an year if you do not use. Google provides templates to automatically create kubernetes clusters for you to start off.

Go to cloud.google.com and signup with your Google Account.

Docker Playground

This is an excellent place to learn and experiment with docker. Here Docker gives you a FREE linux machine for 4 hours at a time for you to play. Please make sure you do not put any personal information anywhere.

play-with-docker.com/

Katacoda

https://www.katacoda.com/#
Online tutorials that can help you jump start on some of the latest technologies . Provides a hand held sessions with machines resources to try things out yourself.

https://www.katacoda.com/courses/kubernetes/playground

Kubernetes Learning

This is a good place to learn and experiment with Kubernetes

https://labs.play-with-k8s.com/

Microsoft Azure

This is another important resource. Not sure what container resources are available.

Docker Cheat Sheet

https://github.com/wsargent/docker-cheat-sheet