**Docker Tutorial**

1. **Introduction to Docker.**

* Why containers (non-technical elevator pitch).
* Why containers (technical elevator pitch).
* How Docker helps us to build, ship, and run.
* The software industry has changed diff b/w Before and Now.
* Results Of Docker.
* Difference Between Virtual Machine and Dockers.

1. **Working With Dockers**

* What is Docker Image?
* Listing Docker images
* Pulling images
* Searching for images
* Building our own images.
* Create Docker Hub account.
* Login to Docker Hub trough Docker CLI
* Push to custom image to Docker Hub.
* Run Docker Image as a Docker Container.
* Remove Docker images.
* Remove Docker Containers.
* Remove Docker Multiple Docker images at a Time.
* Remove <none> Docker images (dangling images) .
* Stop Docker Container.
* Kill Docker Container.
* Difference between Docker kill and stop.

1. **Deploy web Application inside Docker Container**

* Write a custom Docker file to Deploy web application (war file).
* Running we application in daemon mode with port option.
* Explanation of Docker Commands used in Docker File

1. **Trouble Shoot Docker Containers.**

* Listing Running Containers.
* Listing Running and stopped containers.
* Check the logs of running containers.
* Follow up the logs of running containers for troubleshoot.
* Login inside running container and troubleshoot.
* Exit from the container.

1. **Working with Volumes.**

* Create a volumes inside Docker containers.
* troubleshoot Docker volumes.
* Create volumes inside Docker Files.

1. Docker Networking.
2. Docker permissions.
3. Docker links.
4. Docker machine.
5. . Docker swarm

1. Why containers (non-technical elevator pitch).