Docker & Kubernetes Training

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Docker - What you will Learn ?

- Virtualization and Containerization
- Docker Overview And Architecture
- Use of Docker file and its references
- Docker Registry (Public vs Private)
- Docker Volumes
- Docker Networking
- Docker security
- Docker compose
- Use cases & Best practices
- Pros & Cons of docker

Kubernetes – What will you learn ?

- Kubernetes Overview and Architecture
- Kubernetes Resources
- Kubernetes Deployments, Pods, Services and ConfigMaps
- Stateless vs Stateful sets(Volumes)
- Service Discovery, Load Balancing, Networking
- Daemon Sets and Cron Jobs
- Service Mesh (Istio)
- Inter service communication
- Helm – Kubernetes Package Manager
- Kubernetes Managed Services (GKE,EKS,PKS,AKS)
- Monitoring and Troubleshooting capabilities
- Kubernetes Security standards
- Use cases and best practices