

Day - 1

- Introduction to Flux and GitOps
- Flux architecture and components
- Installing and configuring Flux on a Kubernetes cluster
- GitOps workflows with Flux
- Creating and managing Git repositories for Flux
- Managing Kubernetes manifests with Flux
- Deploying and updating applications with Flux

Day - 2

- Advanced Flux features: automated rollouts, canary deployments, and blue/green deployments
- Monitoring and logging with Flux
- Troubleshooting Flux deployments
- Securing Flux with RBAC and encryption
- Integrating Flux with Helm charts and Kubernetes Operators
- Best practices for using Flux in production environments
- Hands-on labs and exercises to reinforce learning