

# ArgoCD

## Course Outline

- Introduction
  - Introduction to GitOps
  - Introduction to CD
  - What is ArgoCD
  - Alternatives
- ArgoCD Setup
  - Basic ArgoCD installation
  - ArgoCD with SSO (Keycloak)
  - Configuration
- ArgoCD CLI & Utils
- ArgoCD Components
  - Apps
  - Repositories
  - Certificates
  - Clusters
  - Projects
- Sources
  - Apps with plain manifest
  - Apps with Helm chart
  - Apps with Kustomize
- App Configuration
  - Sync policy (auto / manual)
  - Sync Window
  - App of Apps
- ArgoCD Monorepo
  - How to structure ArgoCD monorepo
  - Example
- User & Permissions
  - User Management
  - Permissions model