

## Lab Approach 👍

### User laptops – /

**User machine – MAC | Linux | Windows based Laptop / pc**

**User machine need software :**

- Vscode
- Git or git bash
- Account on github | docker hub
- Kubectl & helm
- Docker Desktop | rancher Desktop (optional)



### Tools used & platform

**Cloud :** AWS

**SCM & VCS :** git & github

**CICD tool :** github actions

**SAST tools :** trufflehog , trivy , CodeQL , sonarqube

**DAST tools :** owasp zap

**Build tools :** Docker , maven , NPM / node

**Secret service :** KMS , secret manager , EKS secret , github Secrets

**Monitoring & logging tools :** Cloudwatch , Prometheus & grafana

**Storage tools :** S3 , EBS , EFS , EFS , Datasync

**Deployment tools :** ECS & EKS

**Identify tools :** IAM , iam tower

**Data and other platforms:** Event bridge , Lambda , Api Gateway , Glue