Devops path

1. SCM - GIT , GITHUB
2. BUILD TOOL - MAVEN
3. CODE QUALITY - SONAR CUBE
4. ARTIFACTORY REPOSITORY -jfrog,nexus
5. APPLICATION SERVER - TOMCAT (OR)
6. WEB SERVER - NGINX
7. CI - JENKINS

CONTAINER - DOCKER

CONTAINER MANAGEMENT - KUBERNETES

INFRASTRUCTURE AS CODE - TERRAFORM

CONFIGURATION MANAGEMENT - ANSIBLE

GITHUB

1. create a organization one time (mphasis)
2. create a repository (amazon)
3. create a team and add resources(people) to team
4. assign a role to team members(admin , write permissions )

Ldap - github for big company  
  
# GIT STEPS FOR SETTING UP

1. Git init
2. Git –version
3. Git config --list
4. Git config –global user.name “github user name”
5. Git config --global user.email "github mail id"
6. Git config --global --edit — editing user name and email

*IMAGINE 3 VIRTUAL AREAS IN GIT*

Working area - where new or old untracked files are present check by **git status**

Staging area - they can be committed by **git add . or filename**

Local repo - **git commit -m "some comment" filename**

Local repo to remote