* Having knowledge on version controlling tool GIT
* Code Commit
* Branching in GIT
* Code merge and Rebase
* Git Stash
* Create Remote GIT HUB repository

Creating the new projects and configure with local repository to remote

Repository

* Code push to GITHUB repository
* Code pull from GITHUB repository

GIT Clone

GIT Pull

GIT Fetch

* Having knowledge on Creating and manage the cloud Infrastructure in AWS
* Creating Ubuntu and linux servers (instances)
* Creating S3 Buckets for storage purpose
* Creating Security Groups for giving access to the servers
* Creating Own VPC for security purpose
* Creating EBS for additional storage
* Monitoring the health checks of instances in could watch
* Creating IAM roles and assign the IAM users
* Having knowledge on CI-CD tool Jenkins
* Install and configure Jenkins in Ubuntu and Redhat instances
* Configure the version controlling tool GIT in Jenkins
* Configure the build tool MAVEN with Jenkins
* Creating the Jobs for DEV, QA and Production environment
* Configure the jobs with GIT and Maven
* Install and maintain required plugins for CI-CD
* CI-CD done by run the jobs for complete the code download to code delivery by steps wise download the code and build the code deploy then test the application finally delivery the application
* Write the pipeline code for creating the pipeline projects for CI-CD (continuous integration to continuous delivery)
* Maintain the servers and health checks
* Maintain the notifications and alerts in Jenkins
* Having knowledge on Containerization tool Docker
* Install and configure the docker in centos and Ubuntu servers
* Download the docker images run the docker containers
* Maintain the application server tomcat ,nginx and httpd in docker containers
* Creating the docker customized images
* Setup and manage the docker private registry account and upload the docker images
* Create the docker images by using docker files
* Upload the images into the dockerhub account
* Setup and maintain the docker networking, using docker swarm for container orchestration
* Setup and maintain manager and workers machines for handling the orchestration
* Having knowledge on Configuration management tool Ansible
* Install and configure the Ansible setup in Controller machine
* Setup the Client machines and create ssh password less connection btw controller and client machines
* Installing the software’s or applications in clients machines by using ansible modules
* Creating the ansible playbooks for reuse purpose of the software’s or application servers in any numbers of client machines