**Creating Infra Using Terraform**

Here with terraform I have created infrastructure:

1. I have used terraform to created EC2 Instances for Jenkins, SonarQube, Nexus, Tomcat Application
2. I have Created services in AWS Cloud Like Ec2, VPC, Security Groups, Elastic IP, S3.
3. I have created S3 bucket for storing terraform state info and DynamoDB table for locking capability in AWS
4. I have installed and configured Jenkins, Terraform in the same Ec2 Instance.
5. Terraform files are created and uploaded in GitHub SCM
6. IAM role created with right policy and attached to Jenkins EC2 instance.
7. Created Jenkins pipeline with parameters
8. Wrote TerraformJenkinsfile with all required stages.
9. Executed pipeline