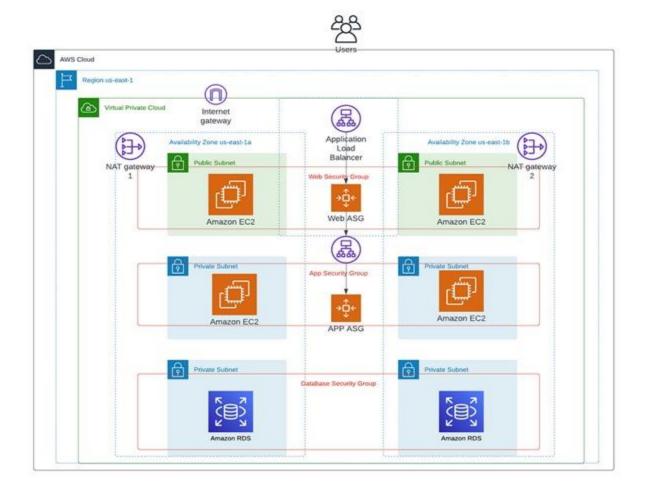
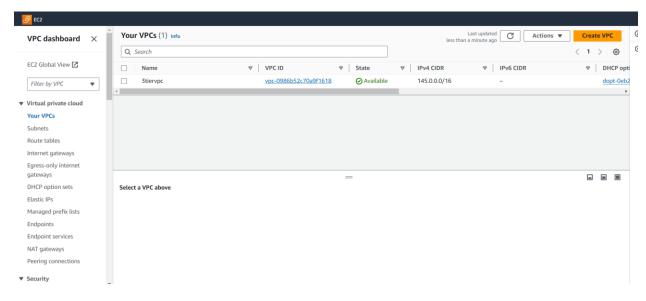
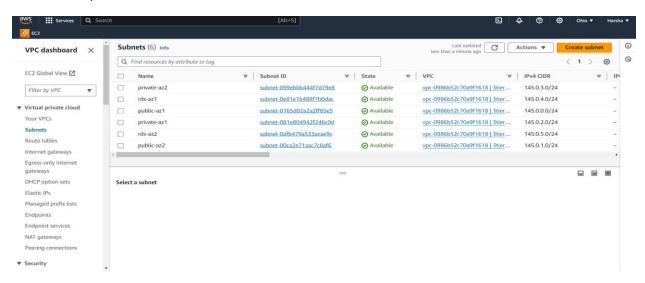
# 3 Tier architecture Application using AWS



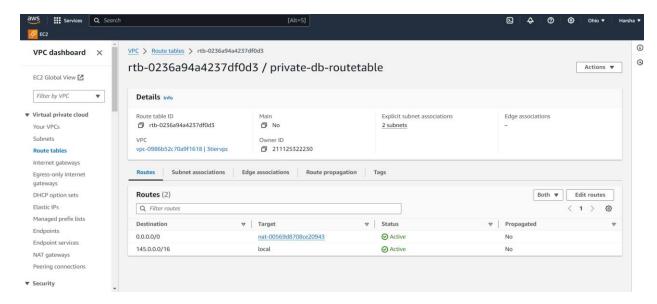
The above picture is the architecture of the application that I Implemented in aws it has VPC , EC2 , RDS as major components , Auto scaling groups , Application load balancers, Nat gateways , internet Gateways , subnets are more components that were used in the project



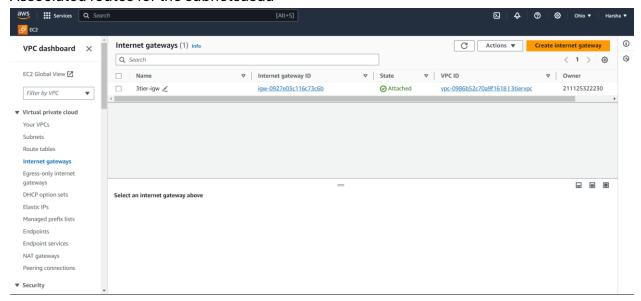
## Created a vpc



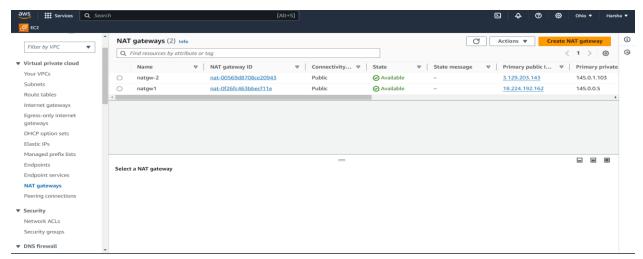
Created 2 public subnets and 4 private subnets



## Associated routes for the subnetsasda



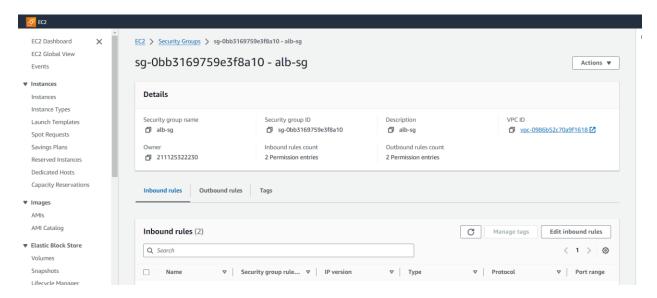
Created internet gateway for public subnets



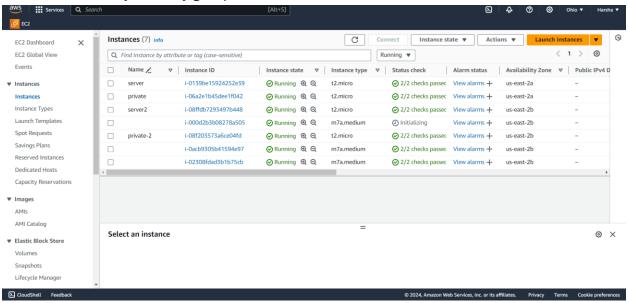
created Nat gateways for private subnets



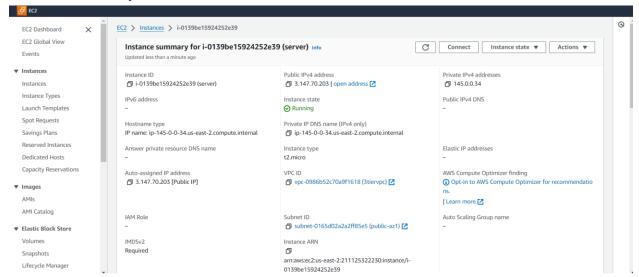
Vpc and its components graphical representation



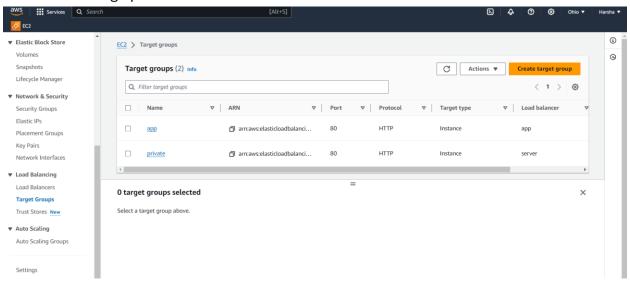
#### Created necessary security groups



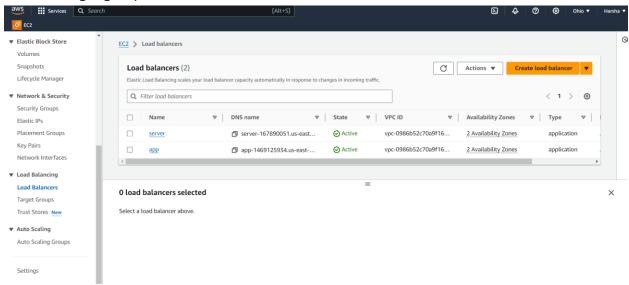
## created necessary EC2 Instances



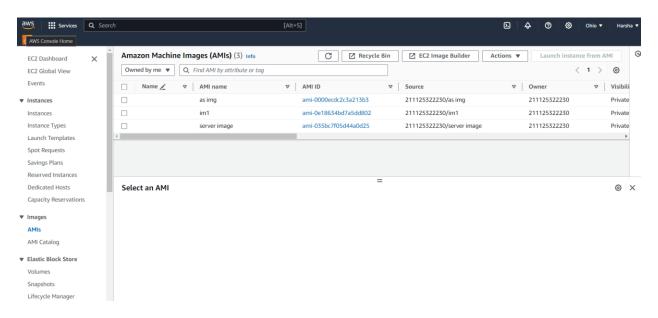
Logged in and launched ngnix servers in public subnet instances and logged into private instances through public instances



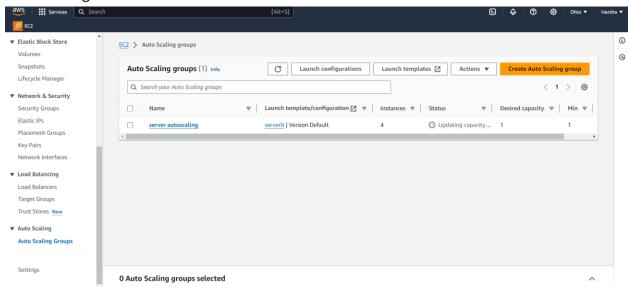
## created target groups for load balancers



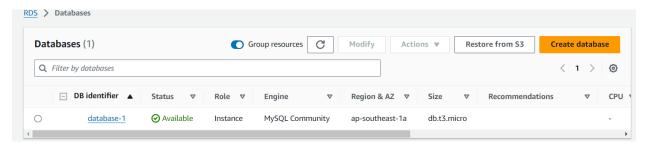
## Created load balancers



## Auto scaling



## Created auto scalers using AMI and launch templates



Created multi cluster database with the subnet groups and logged into the database in the Ec2 instance.