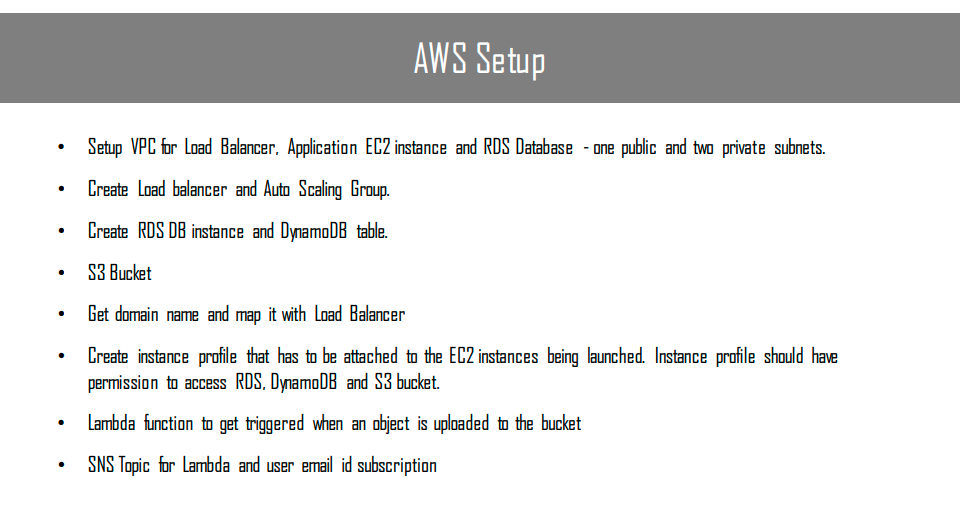
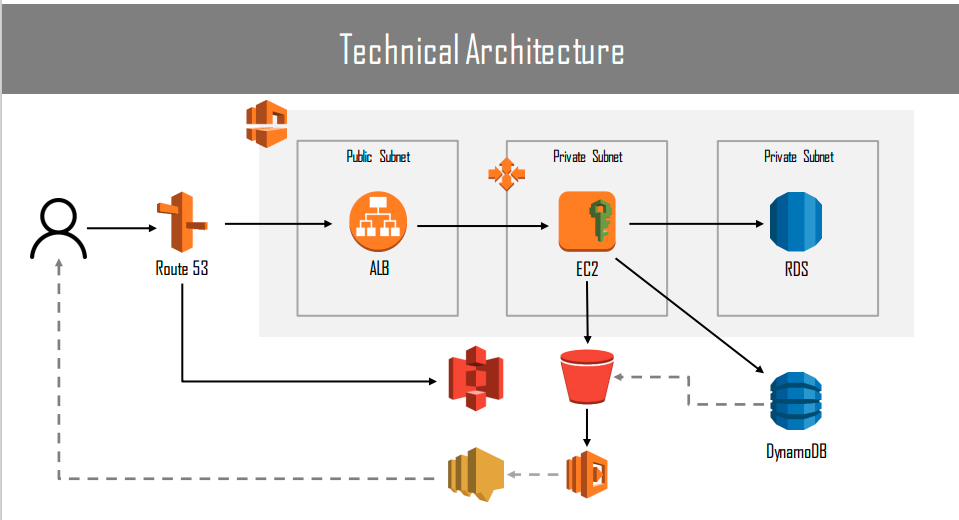
AWS PROJECT CASE STUDY

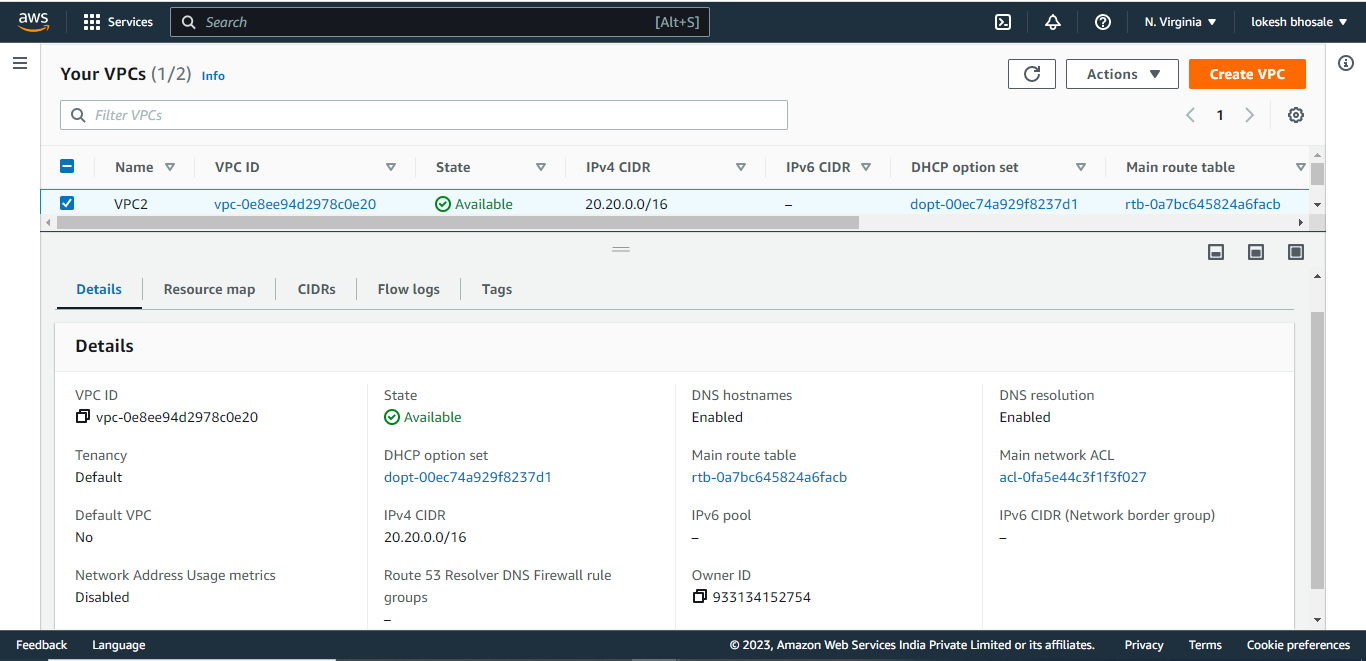
**Architecture for New Employee Profile Database**

Deploying a Python-based web application i.e. Employee database and media storage application using the most prominently used AWS Services in the industry such as EC2, ELB, VPC, S3, IAM, RDS, DynamoDB, Route53, etc. Application Server is hosted privately and can only be accessed by the Company's Employees. It can be accessed using domain names using Route53 and googiehost

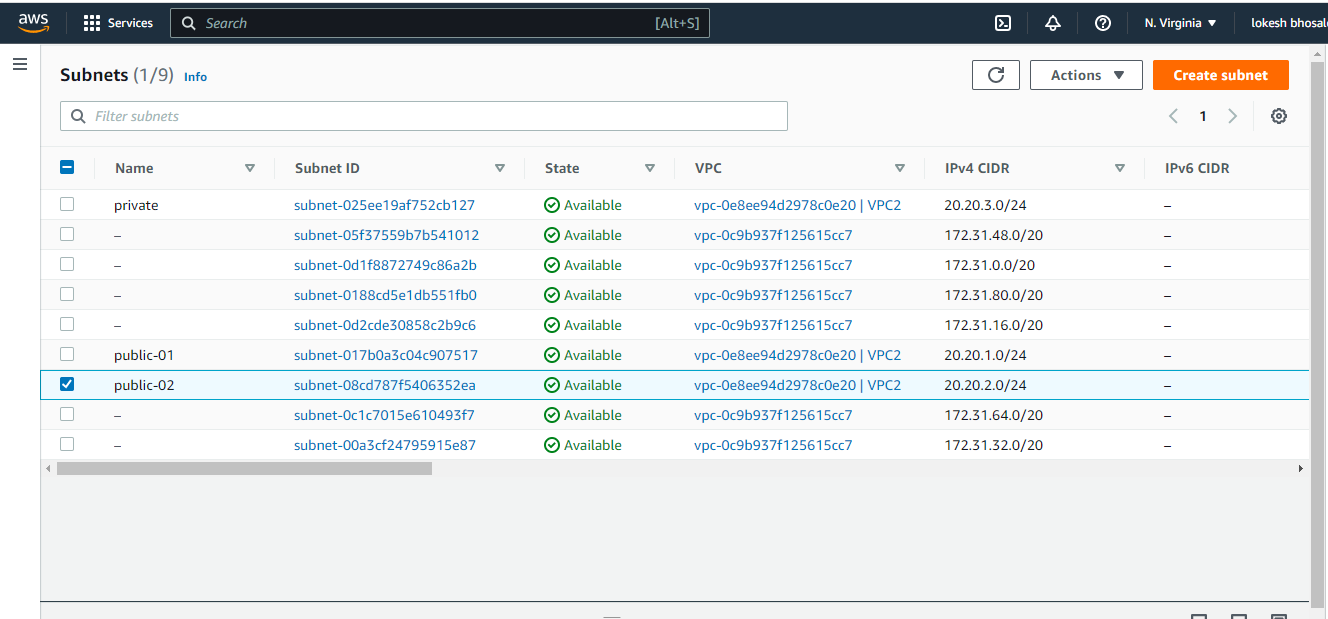




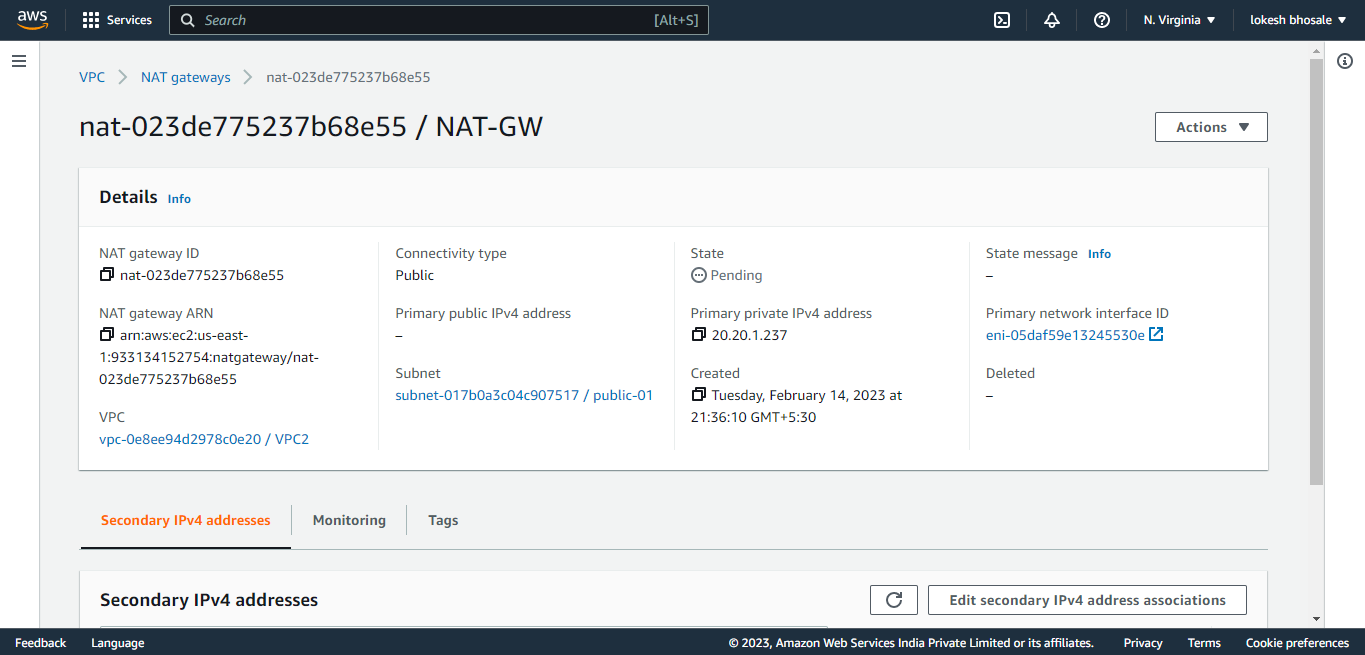
Creating VPC.



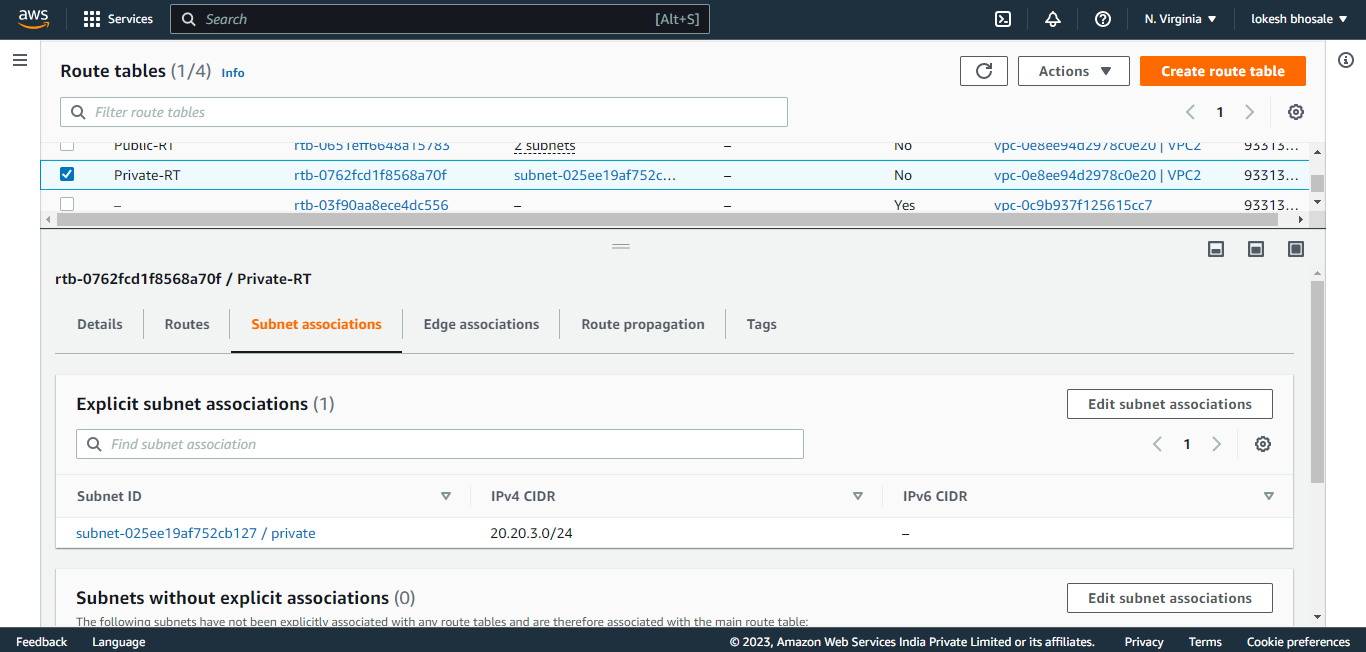
Creating Public-01, Public-02, Private subnets.

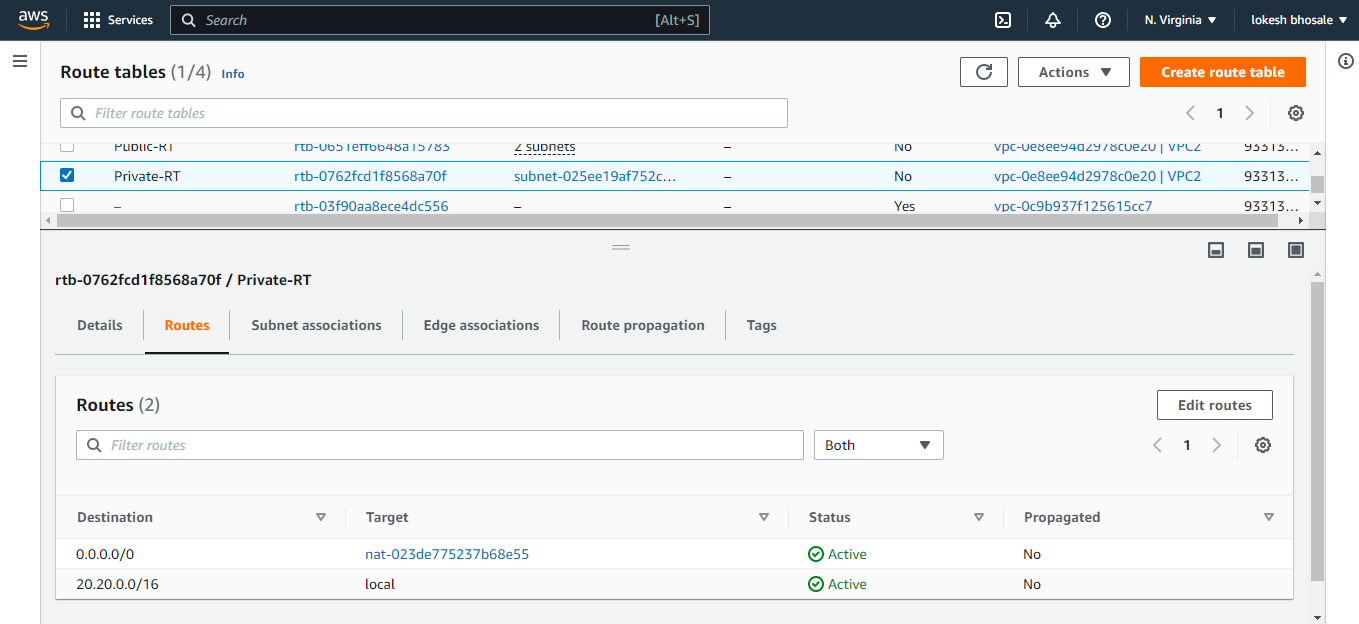


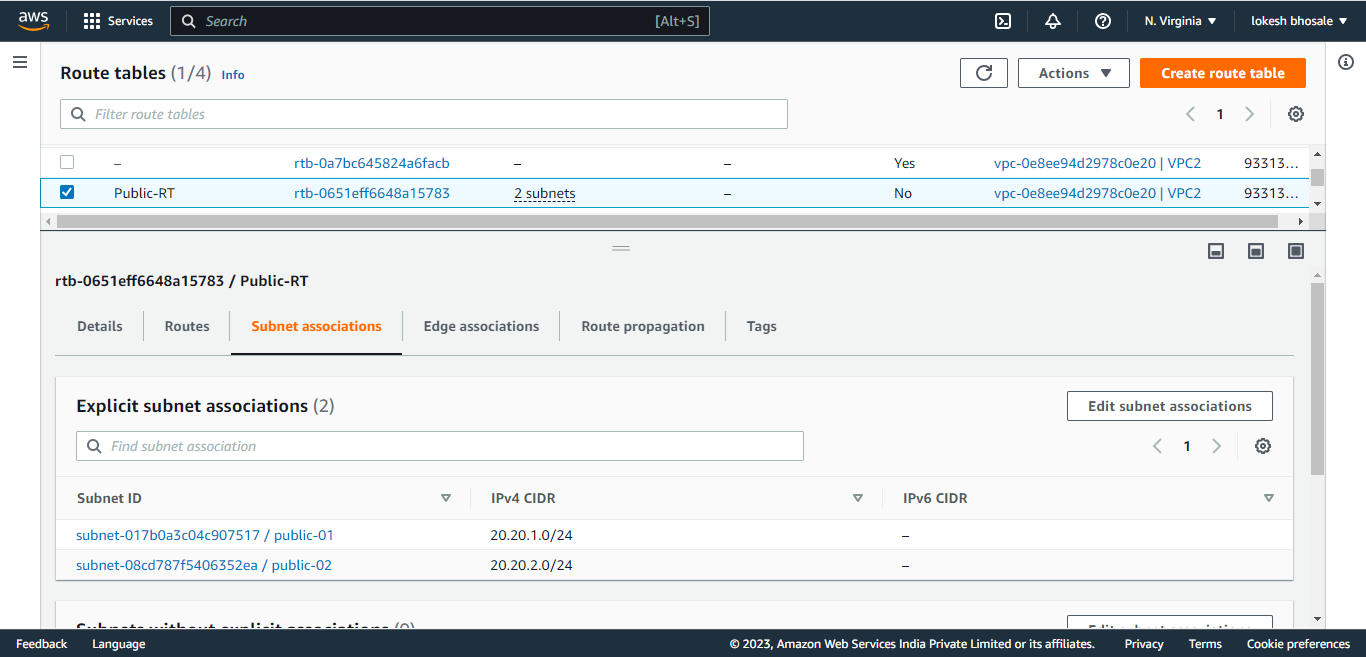
Creating NAT gateway.

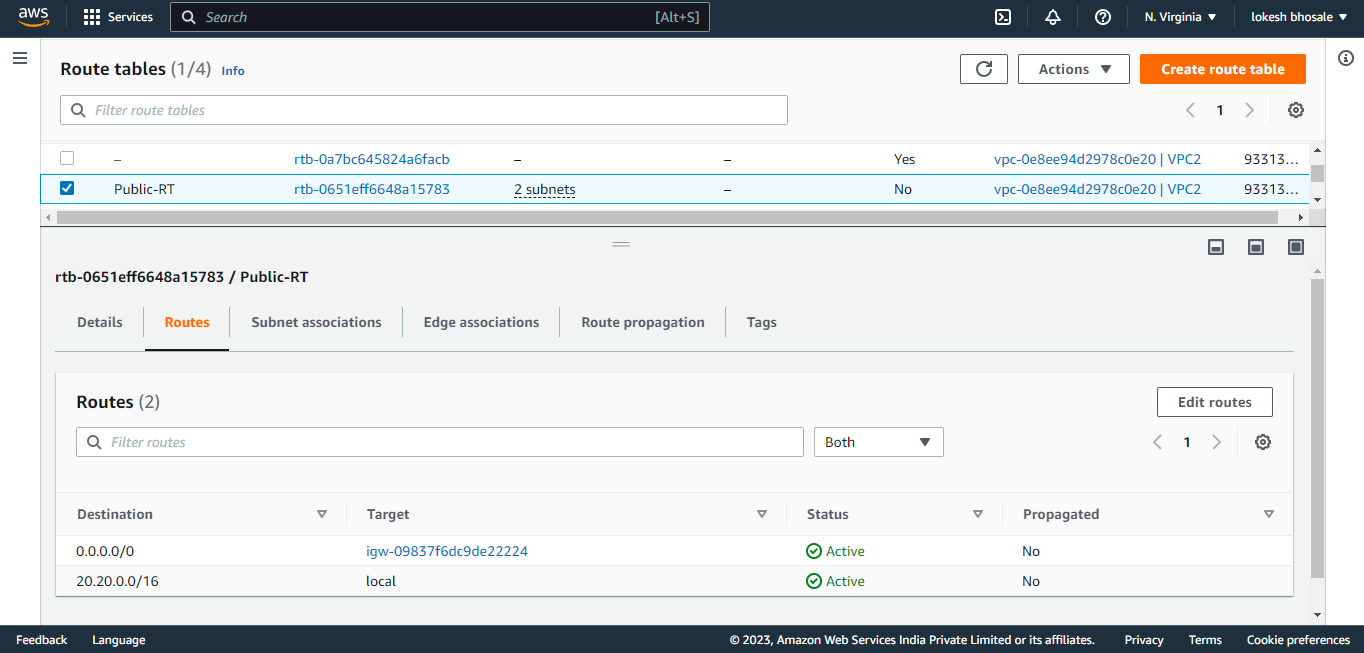


You can see subnets and their Subnet associations as well as route associations.

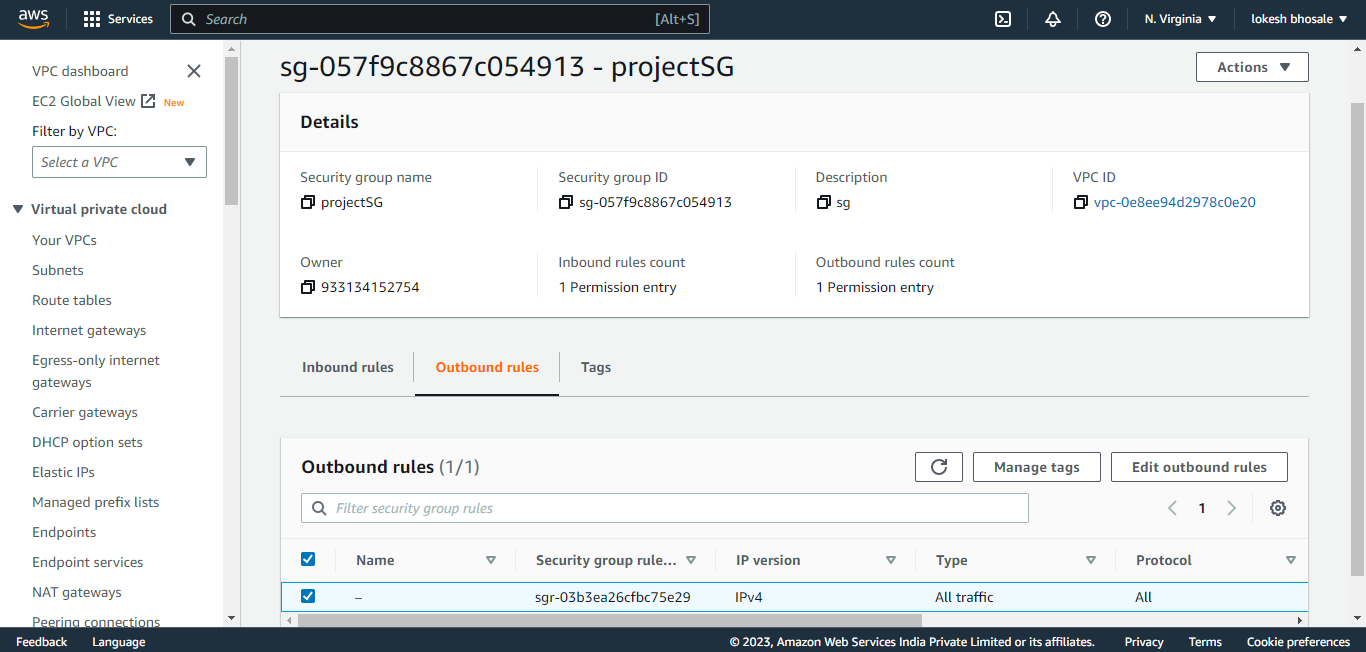


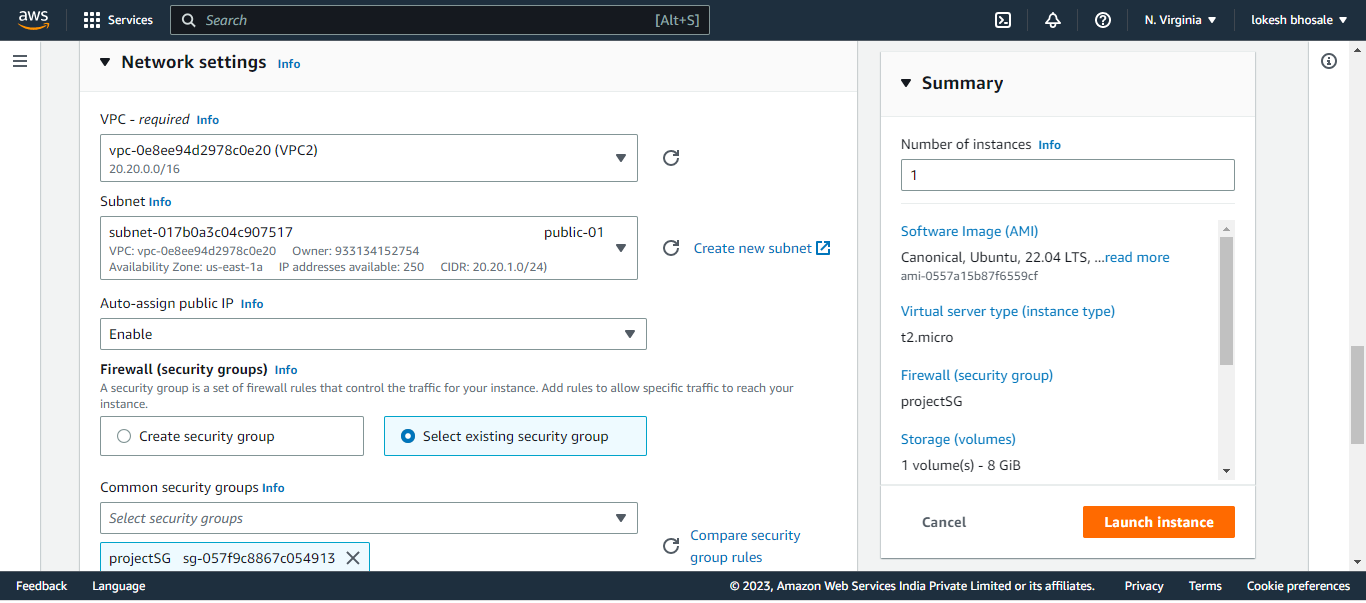




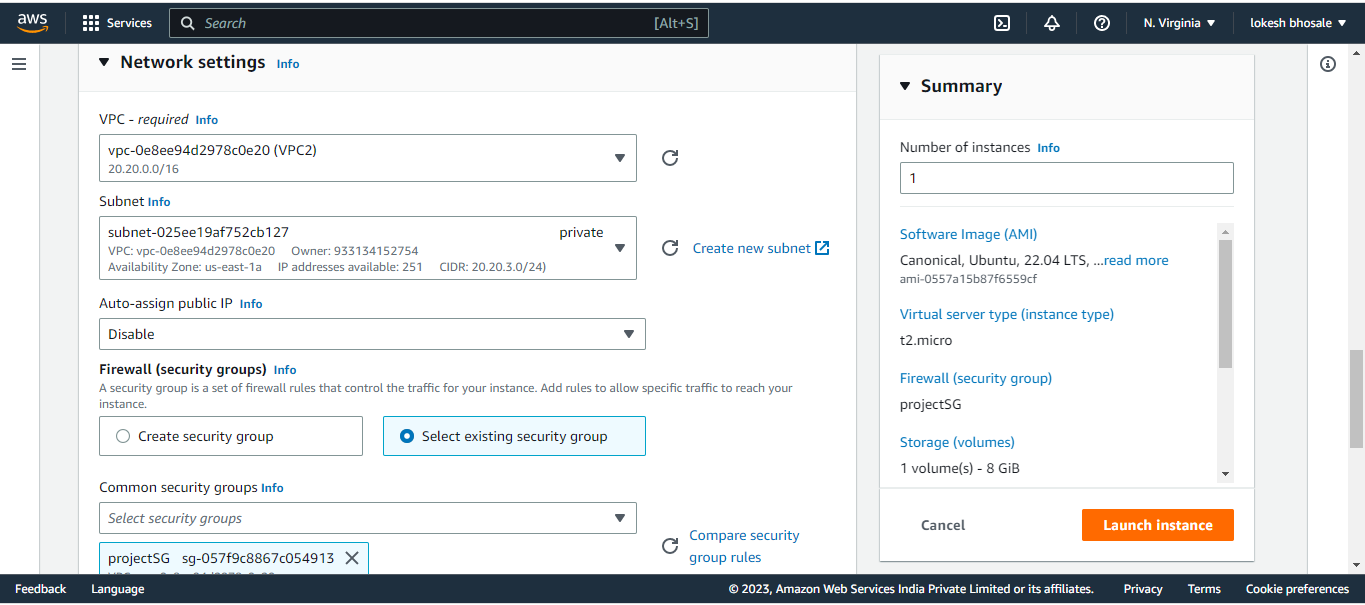


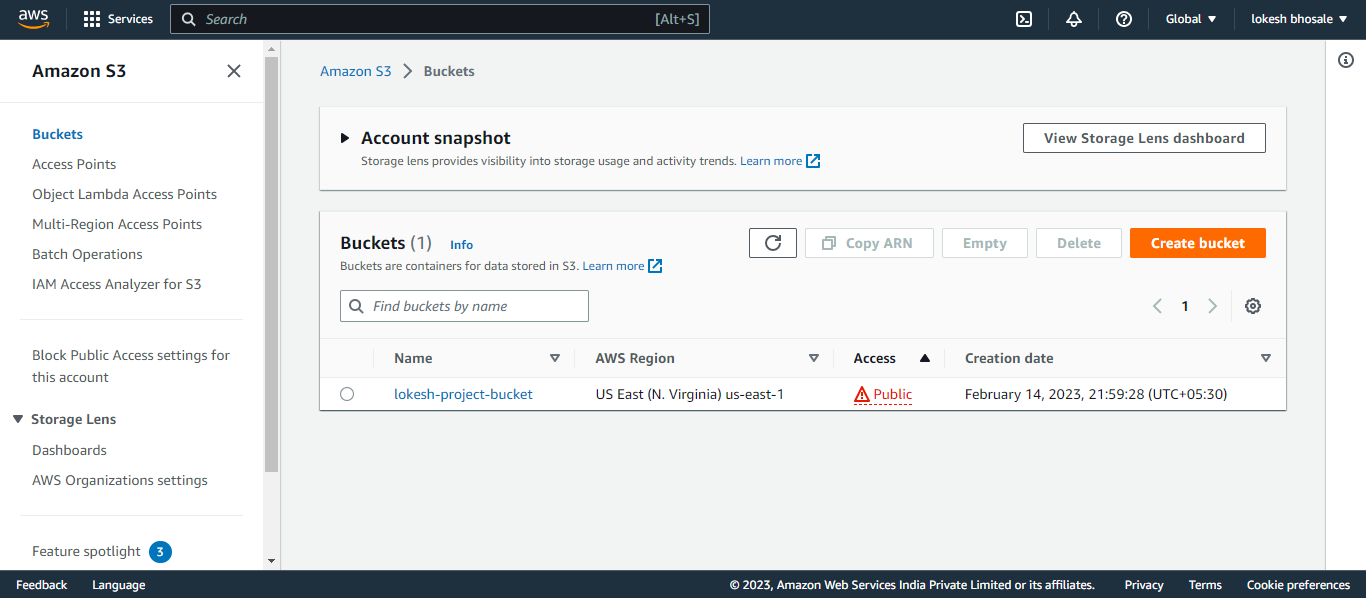
Creating Security group.



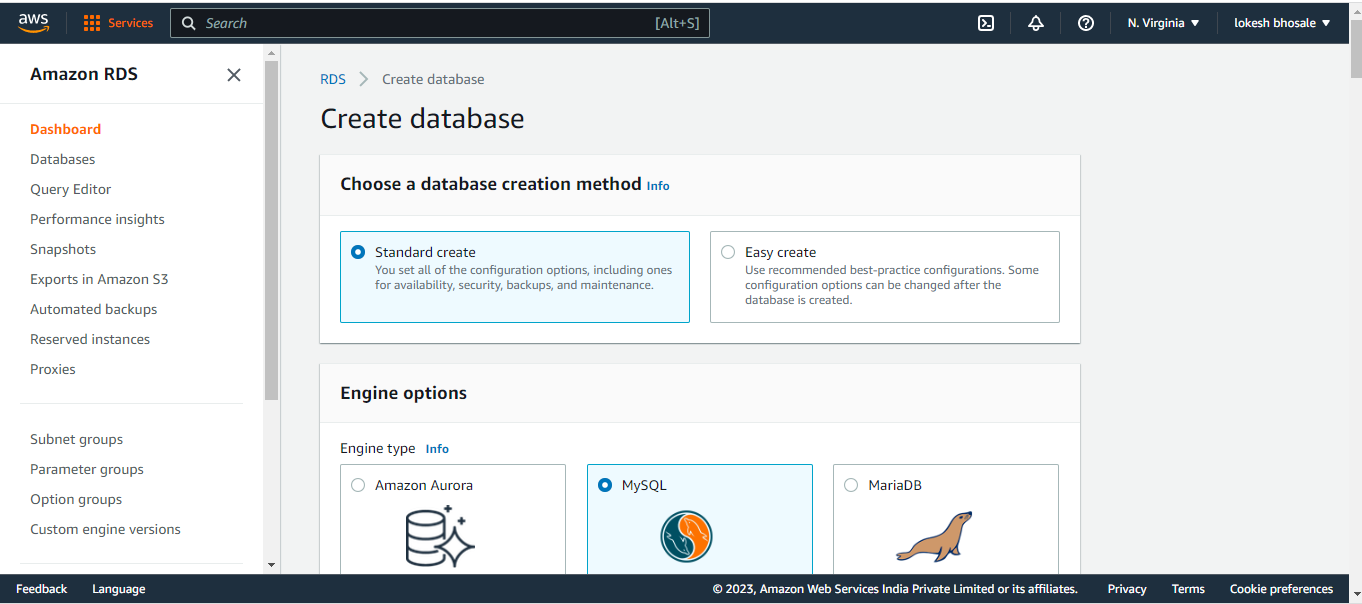


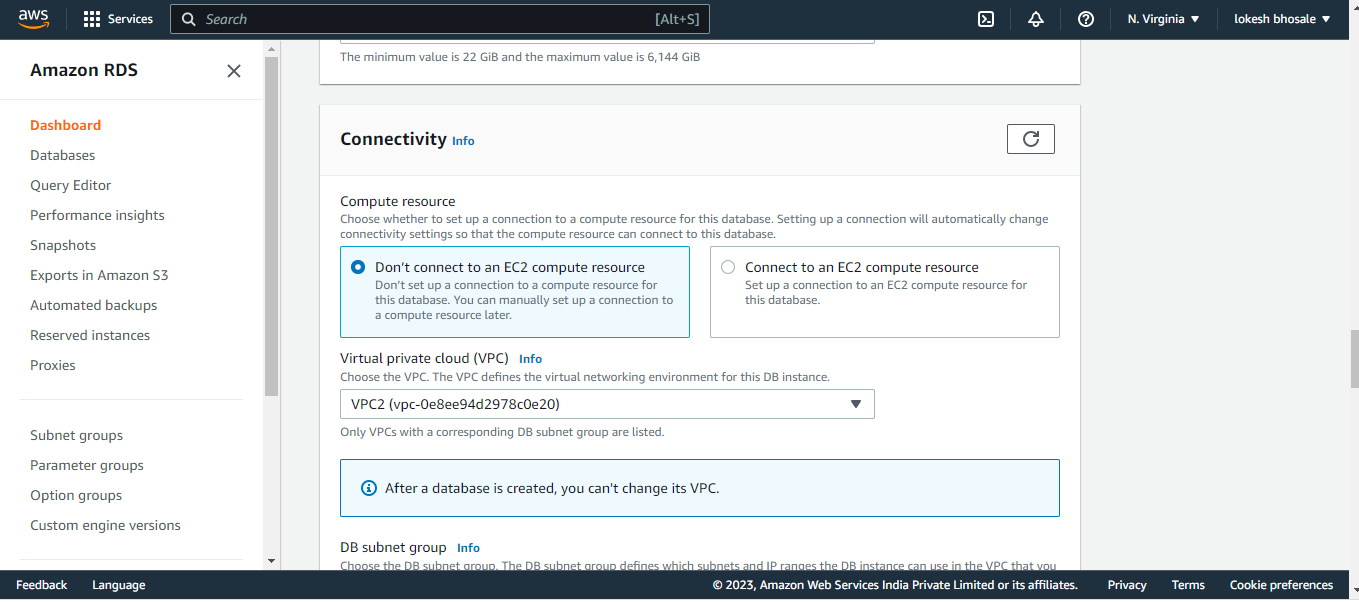
Launching EC2 instances.

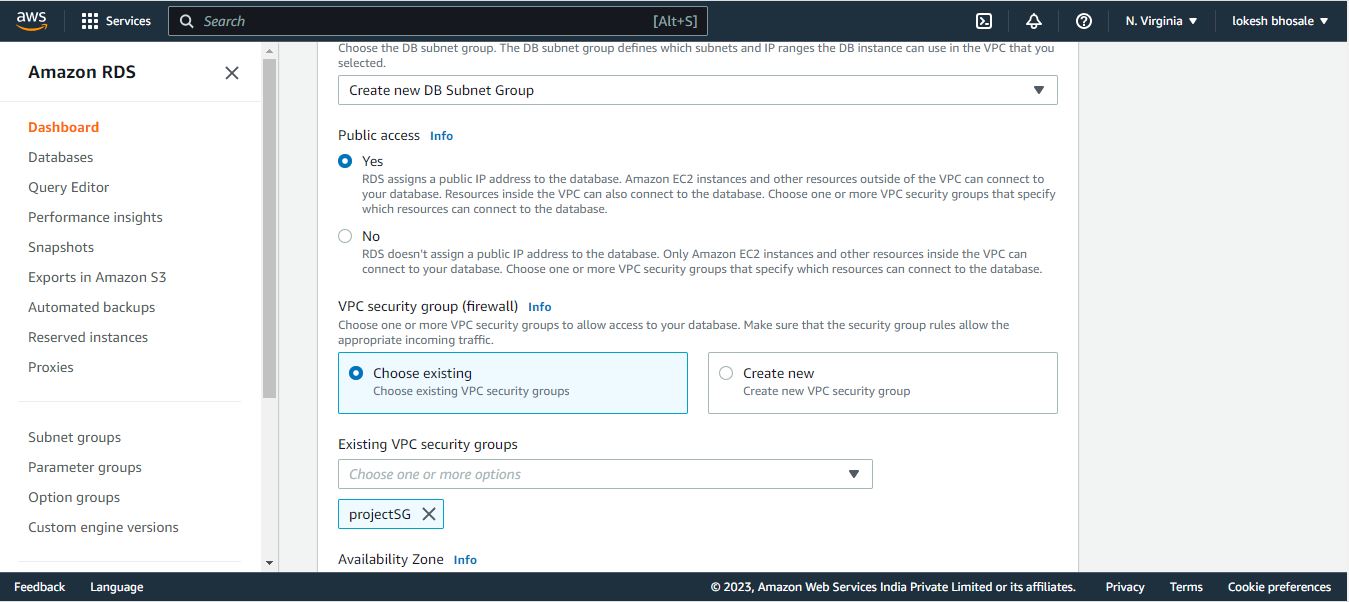


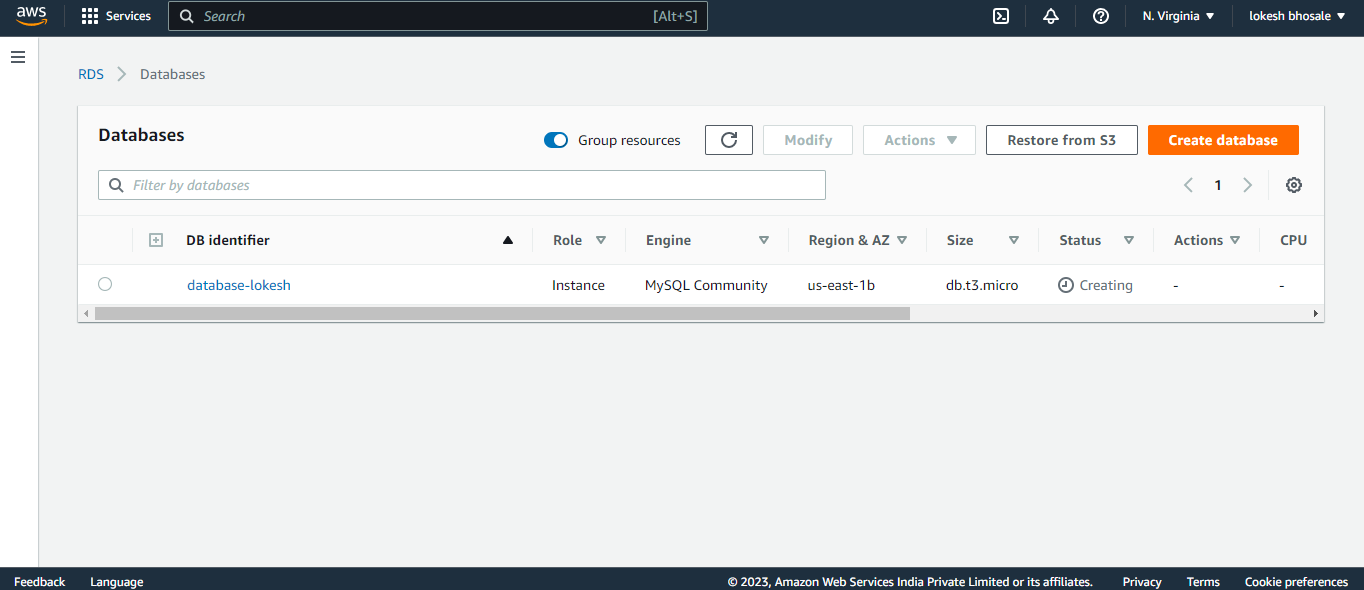


Creating Database.

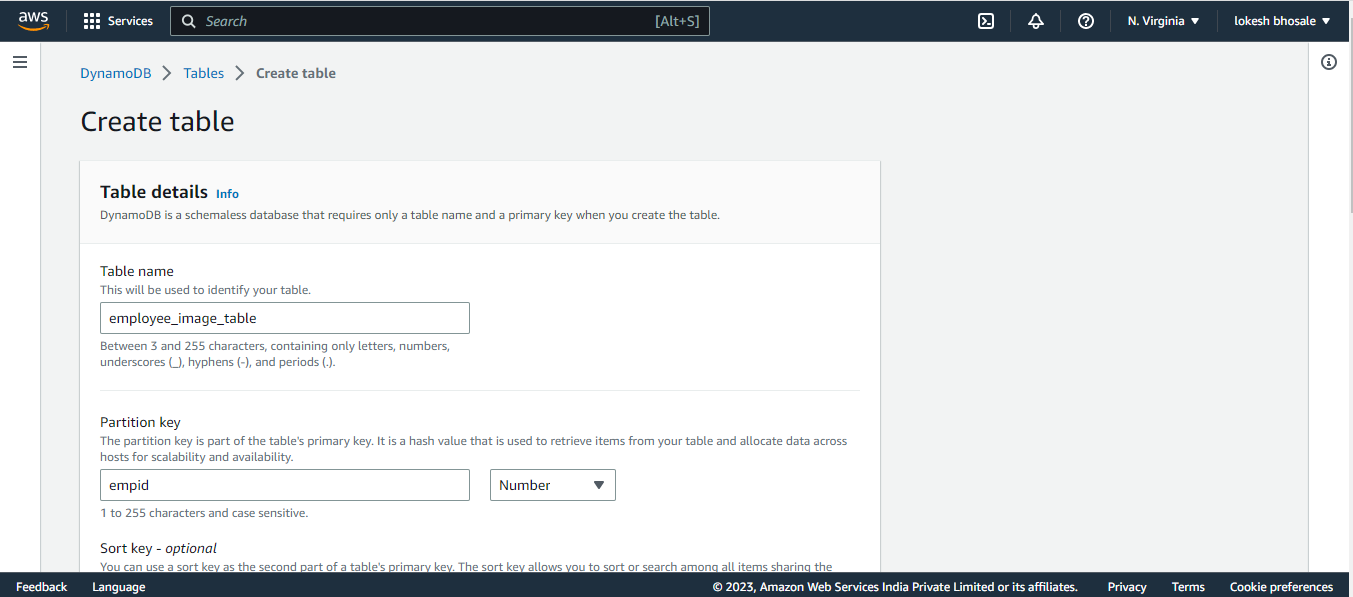




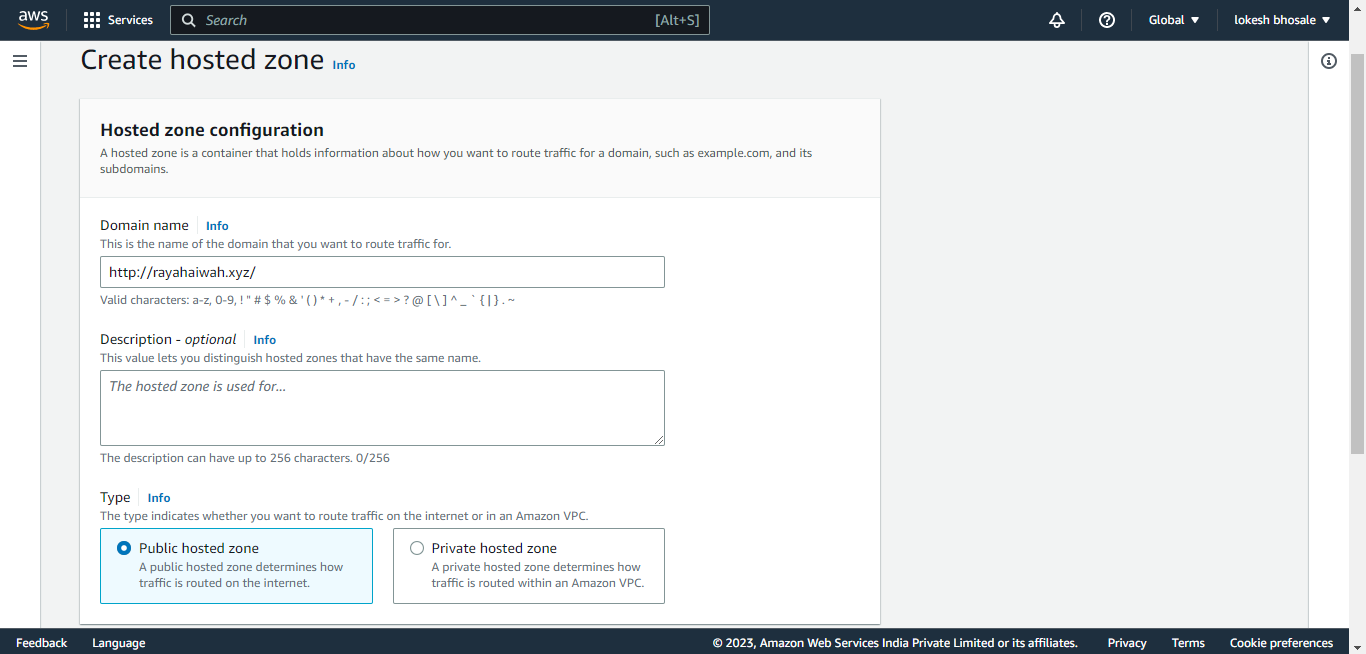


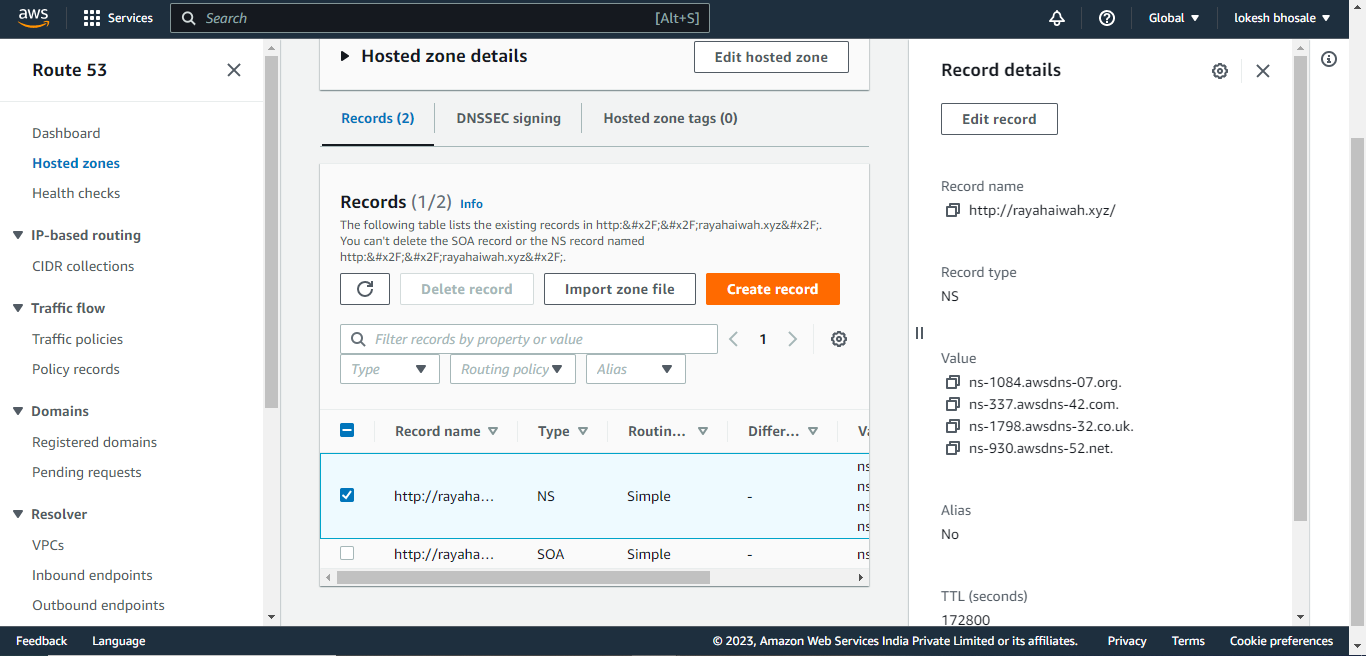


Creating DynamoDB table.

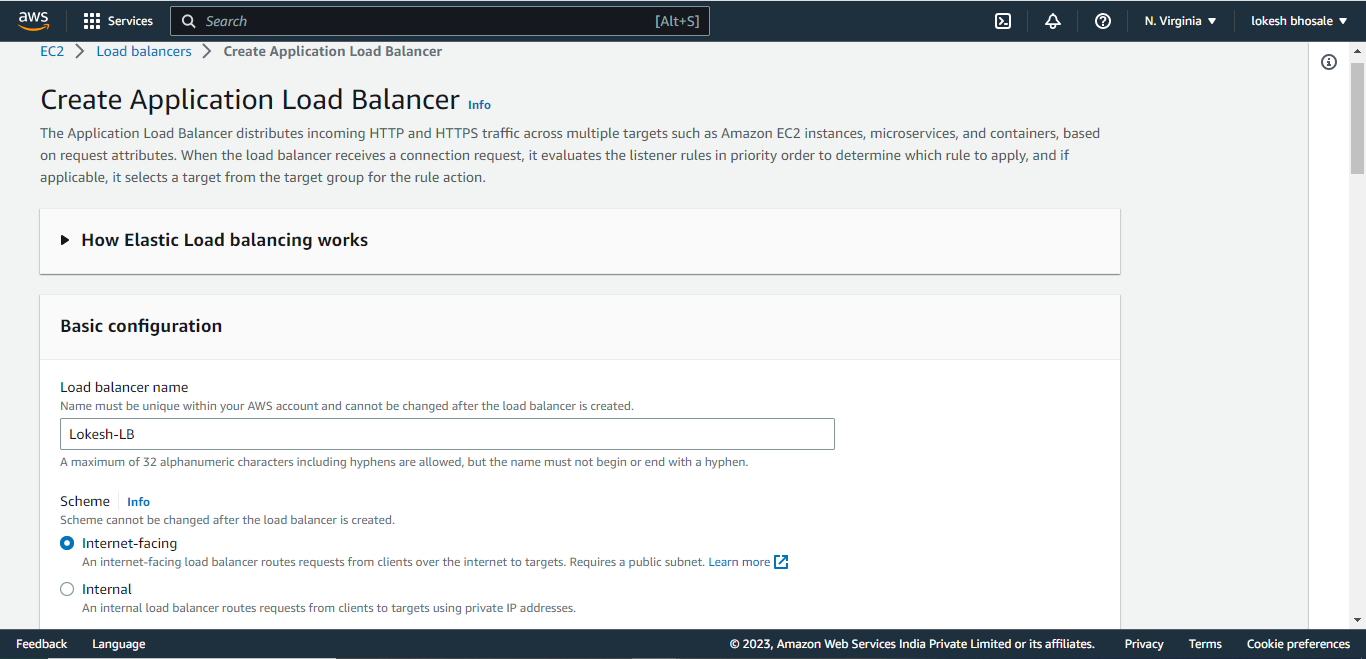


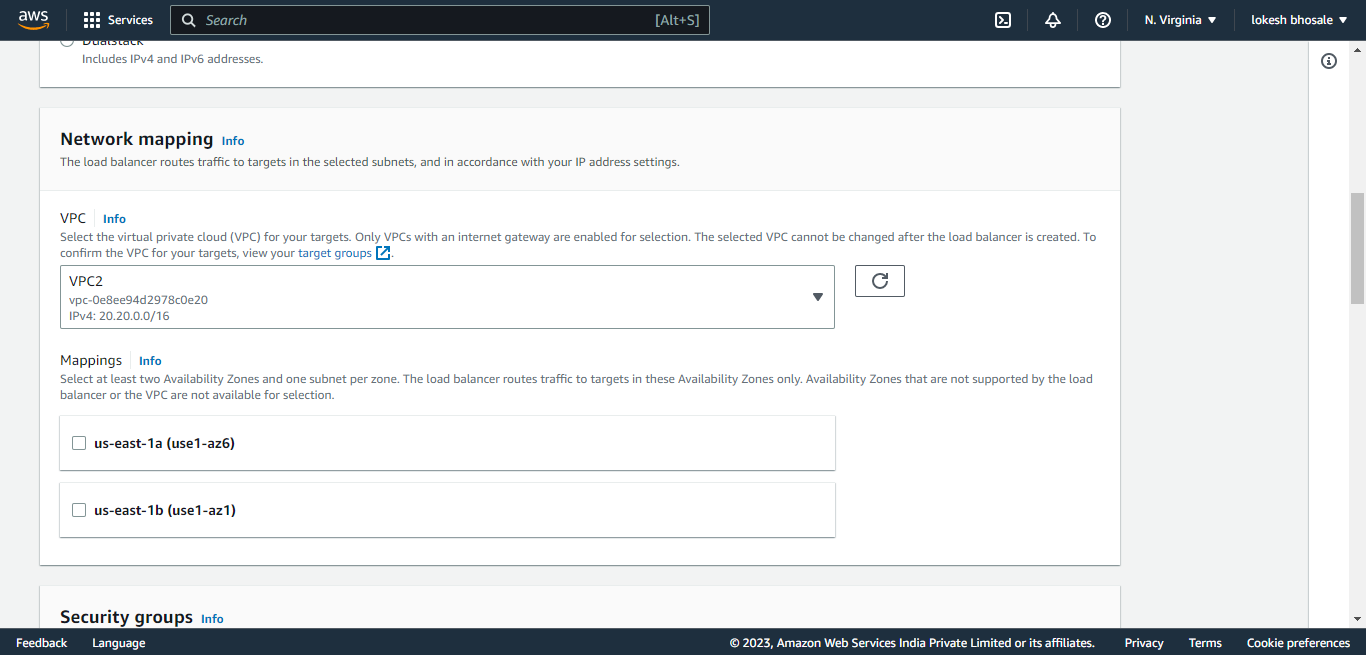
Creating Hosted Zone.



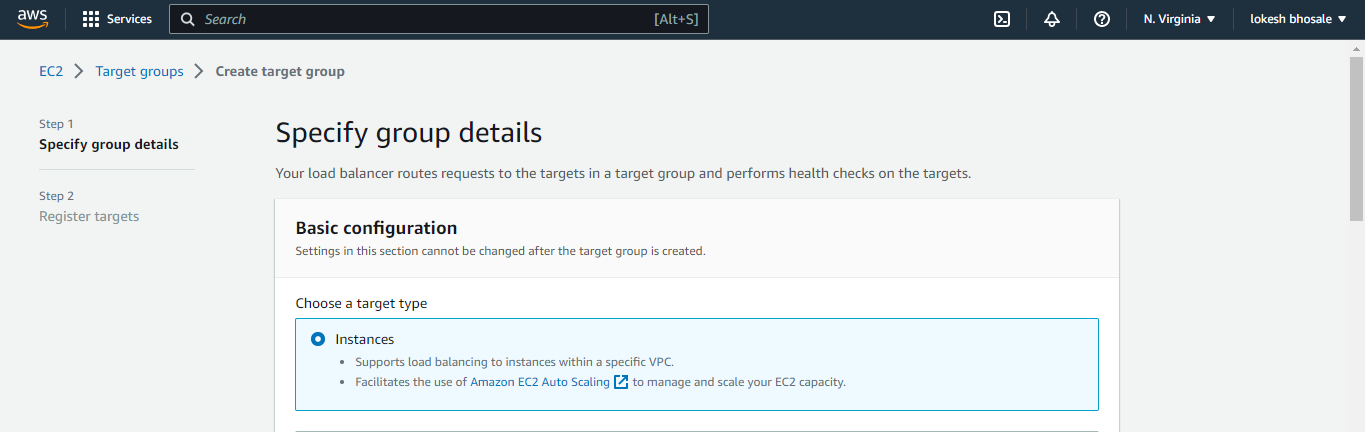


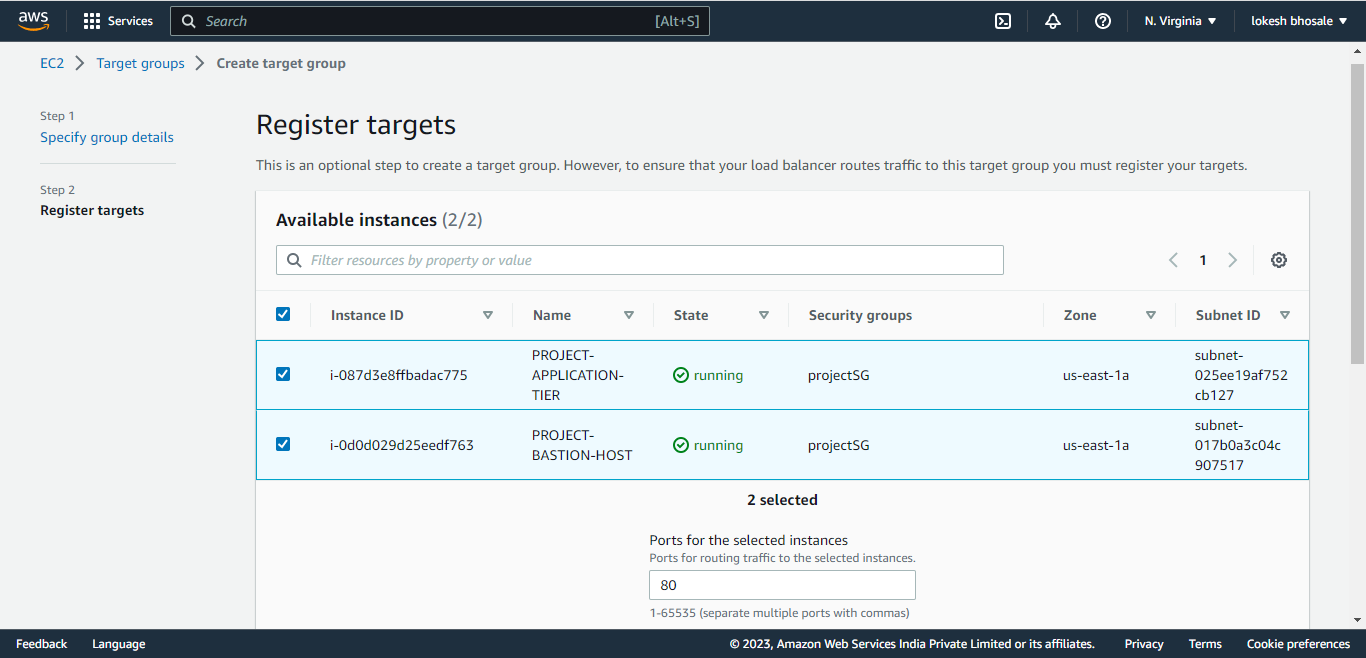
Creating Application Load Balancer.

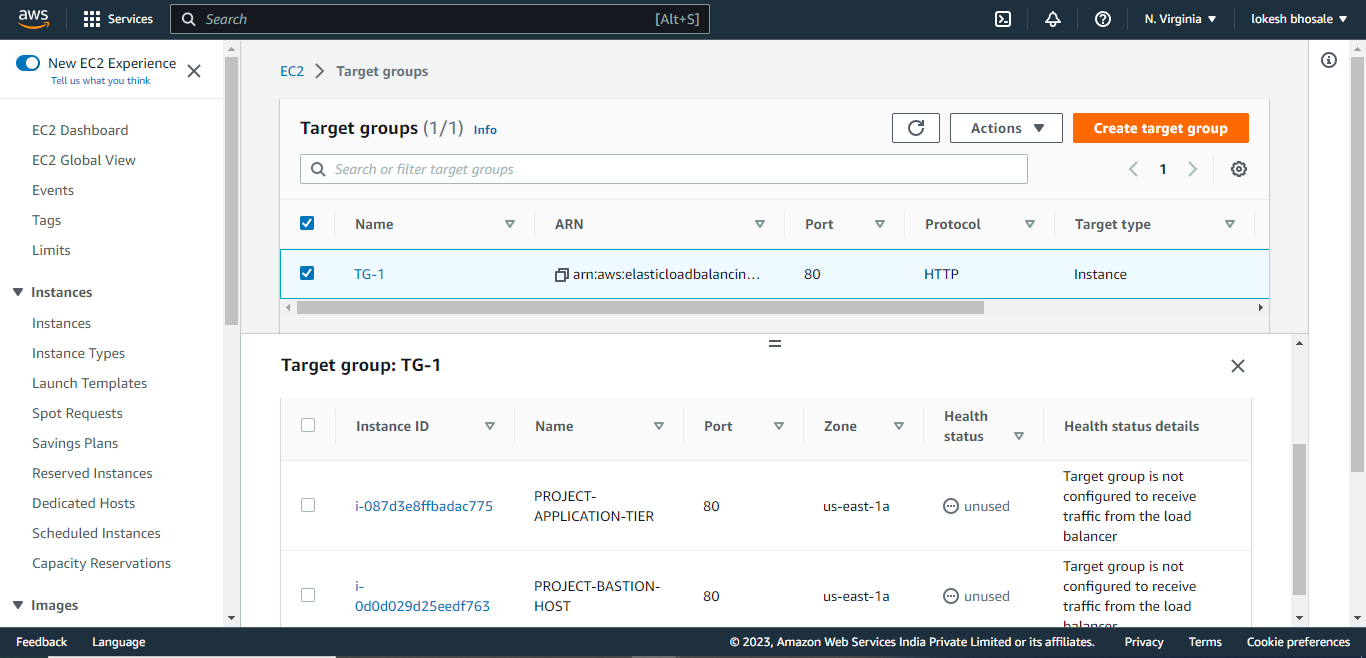


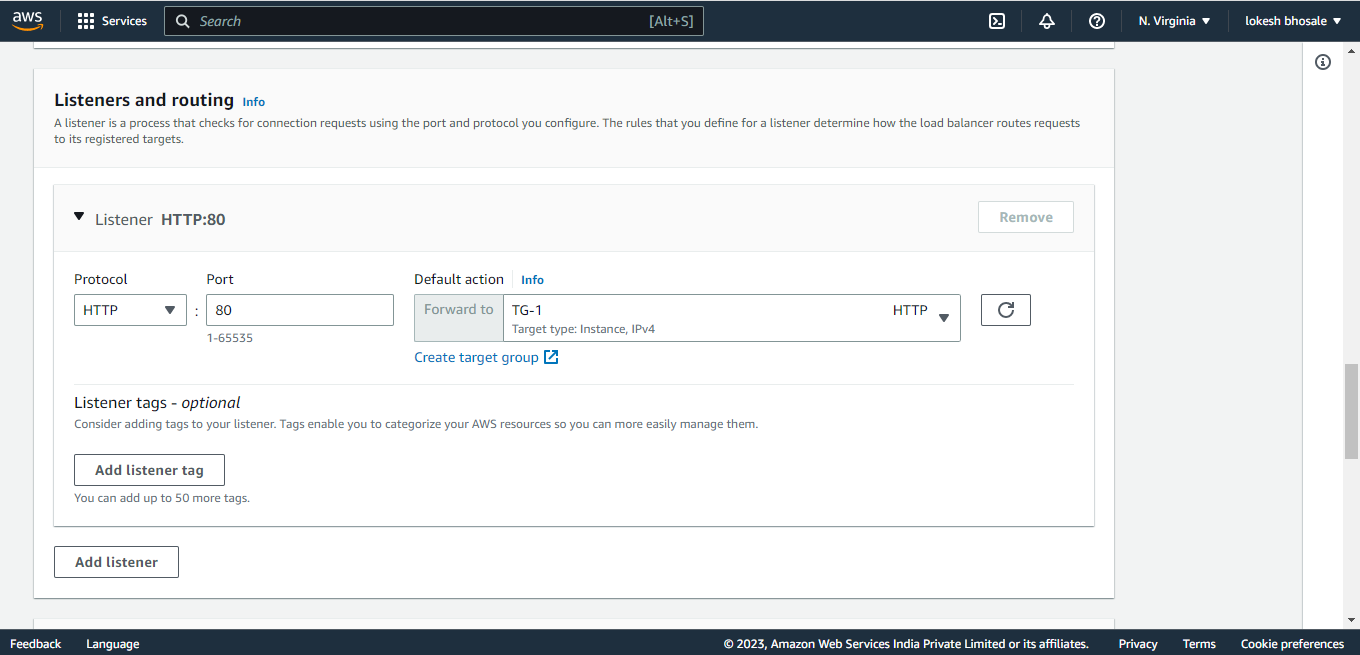


Creating target group.

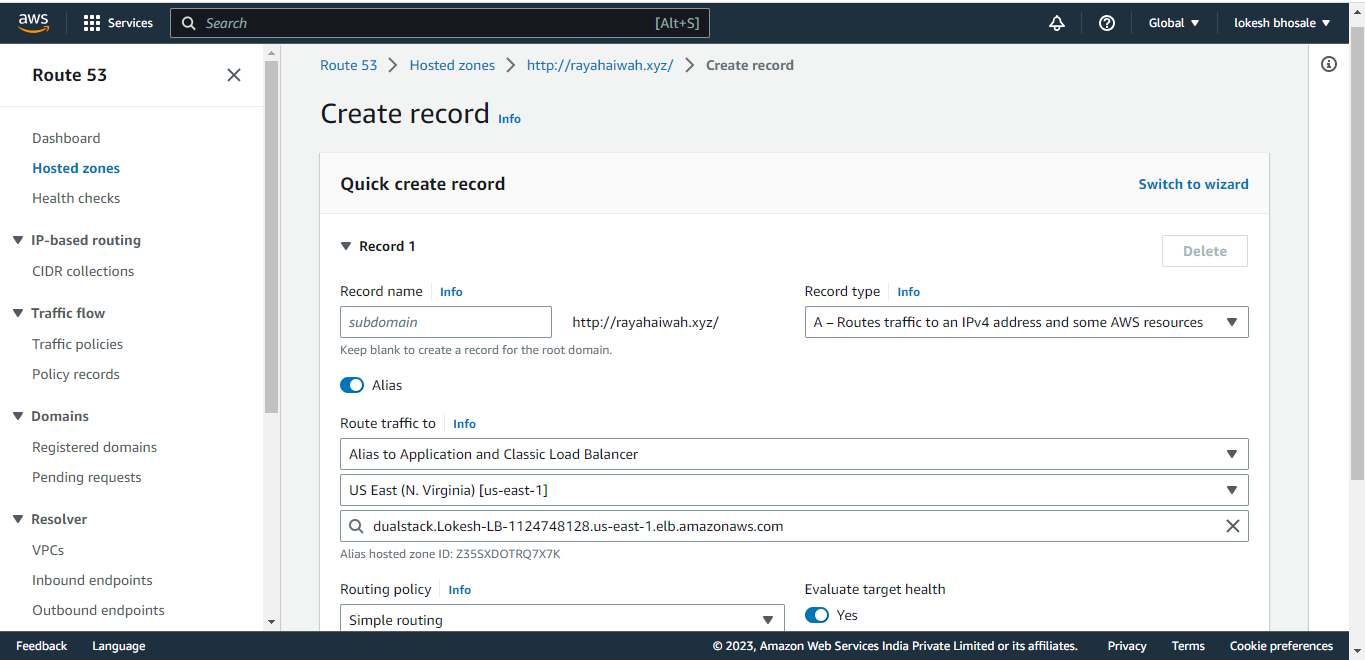




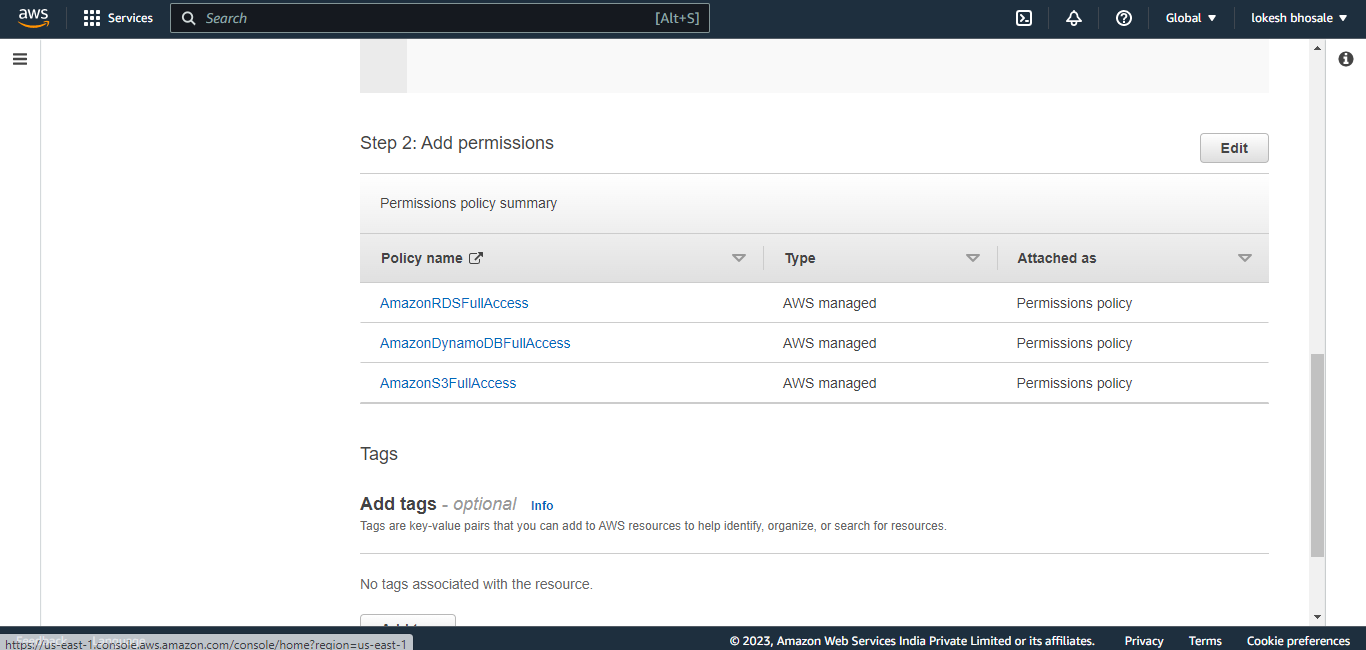


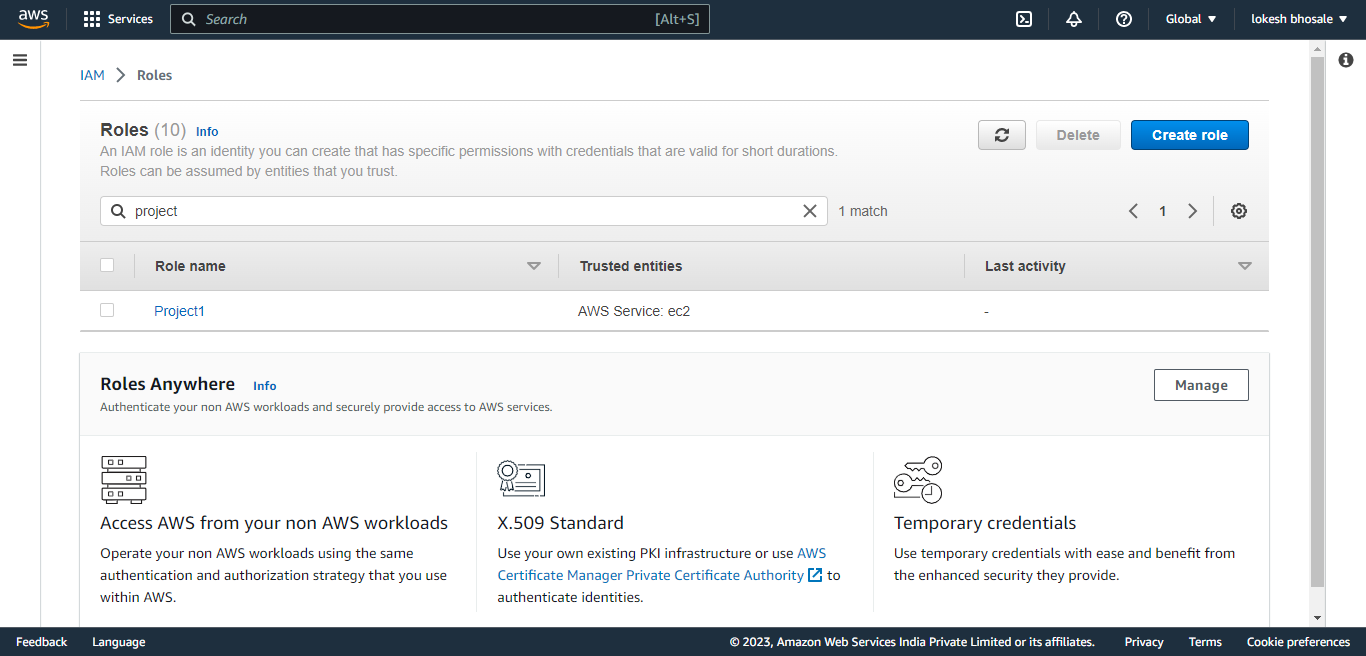


Creating Record.

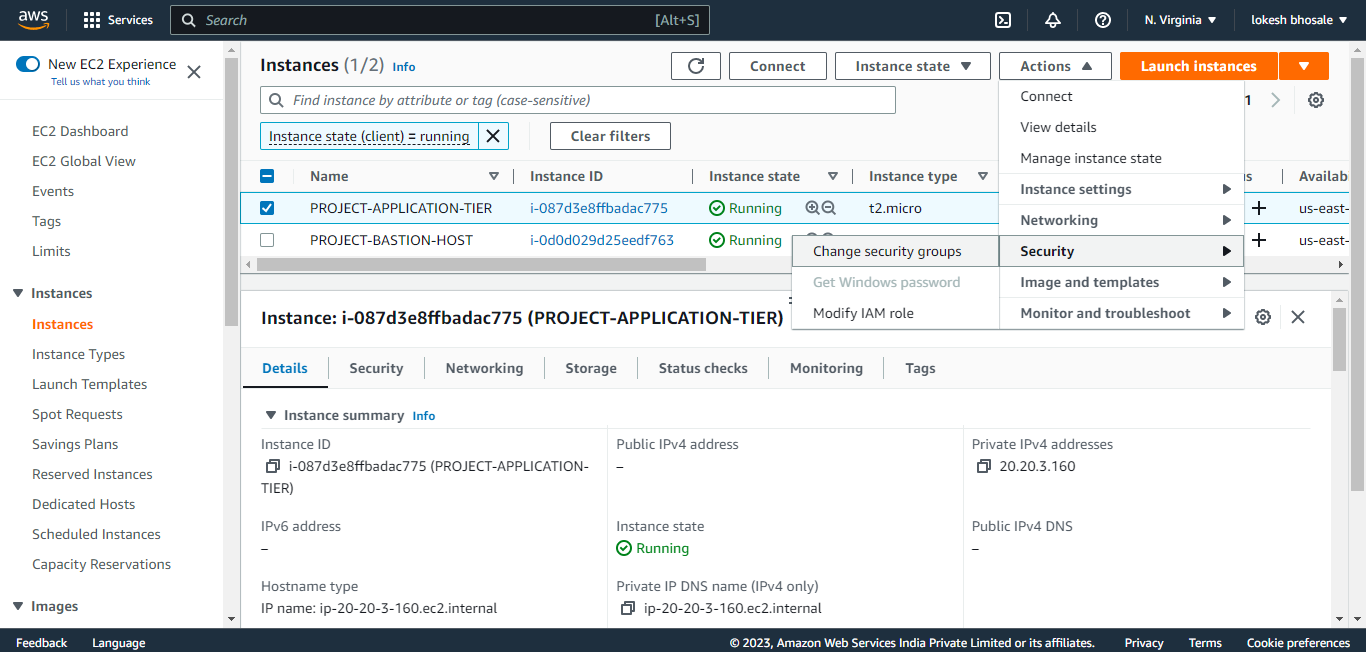


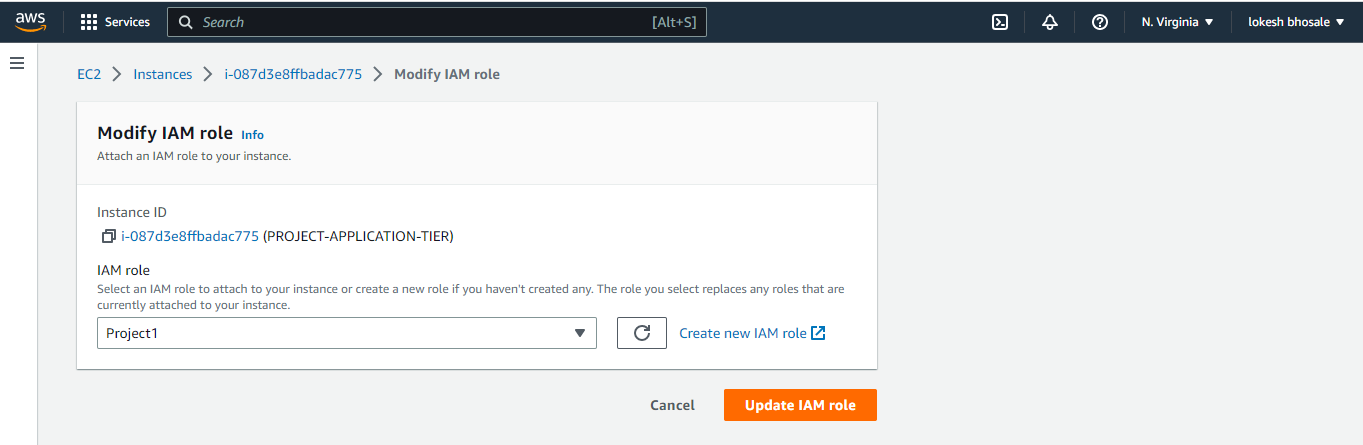
Creating permissions.



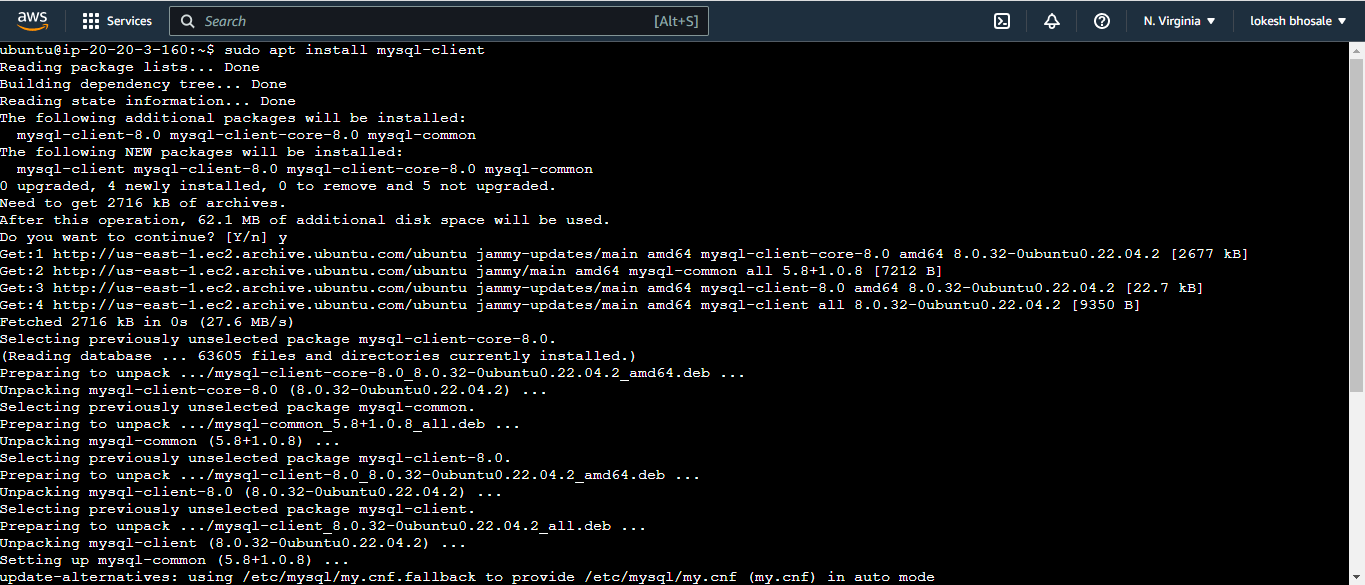


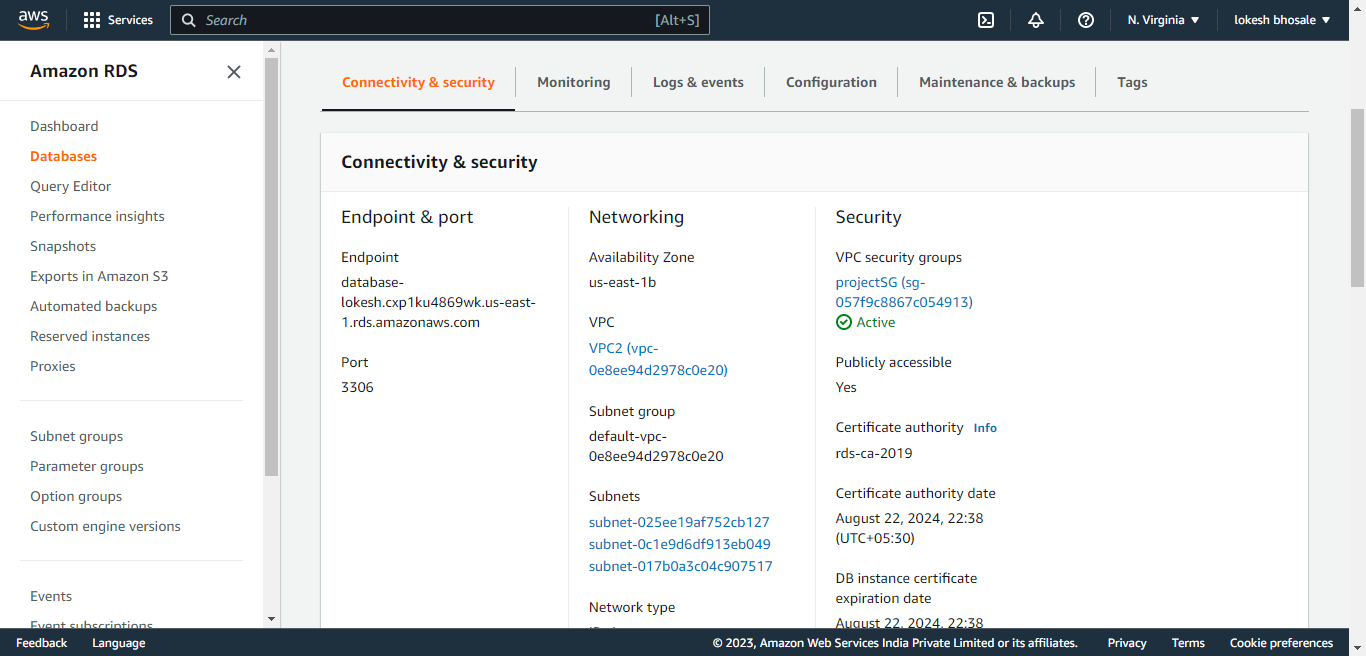
Adding IAM role to thee instance.



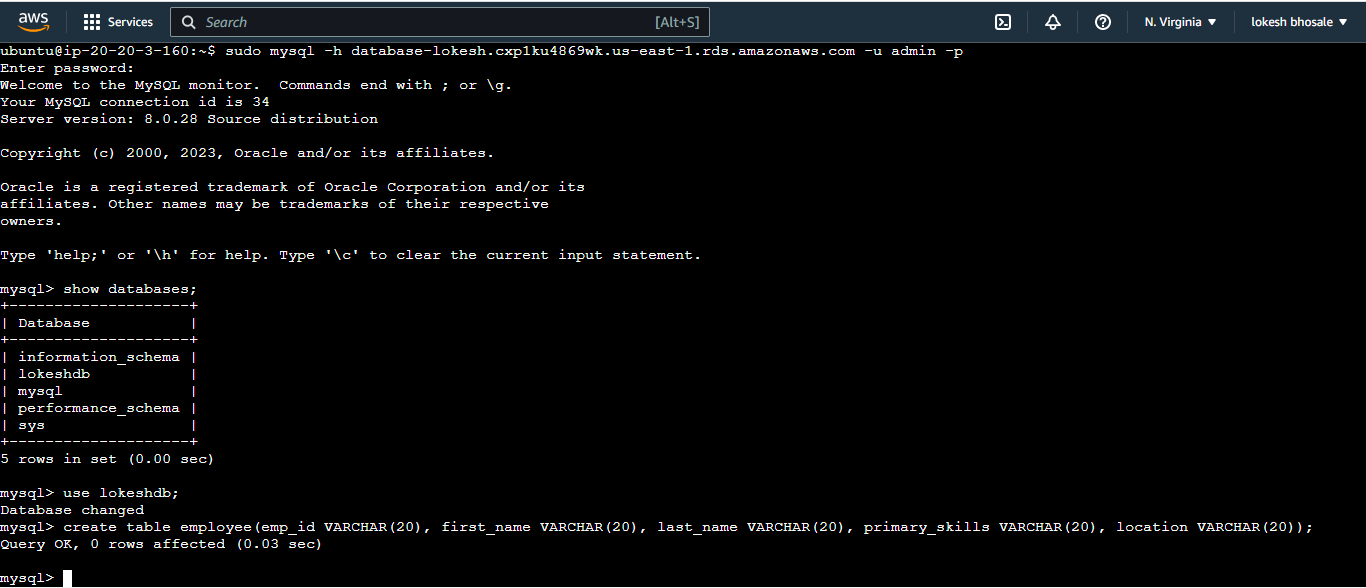


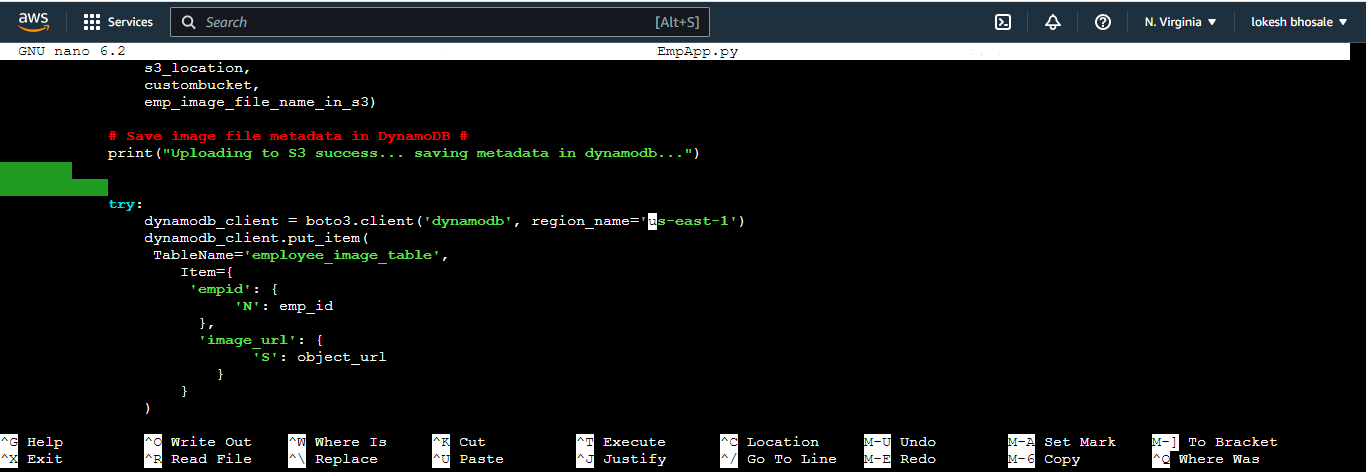
Installing ‘mysql-client’ on Ubuntu insatnce



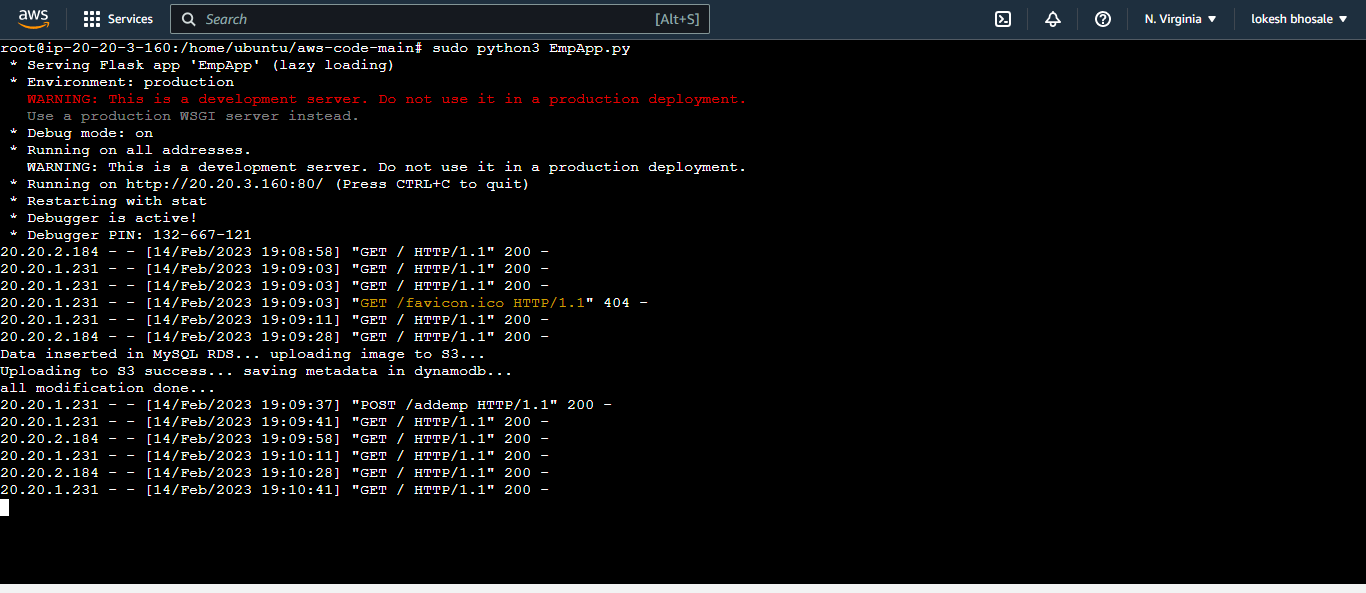


Accessing database using Endpoint.

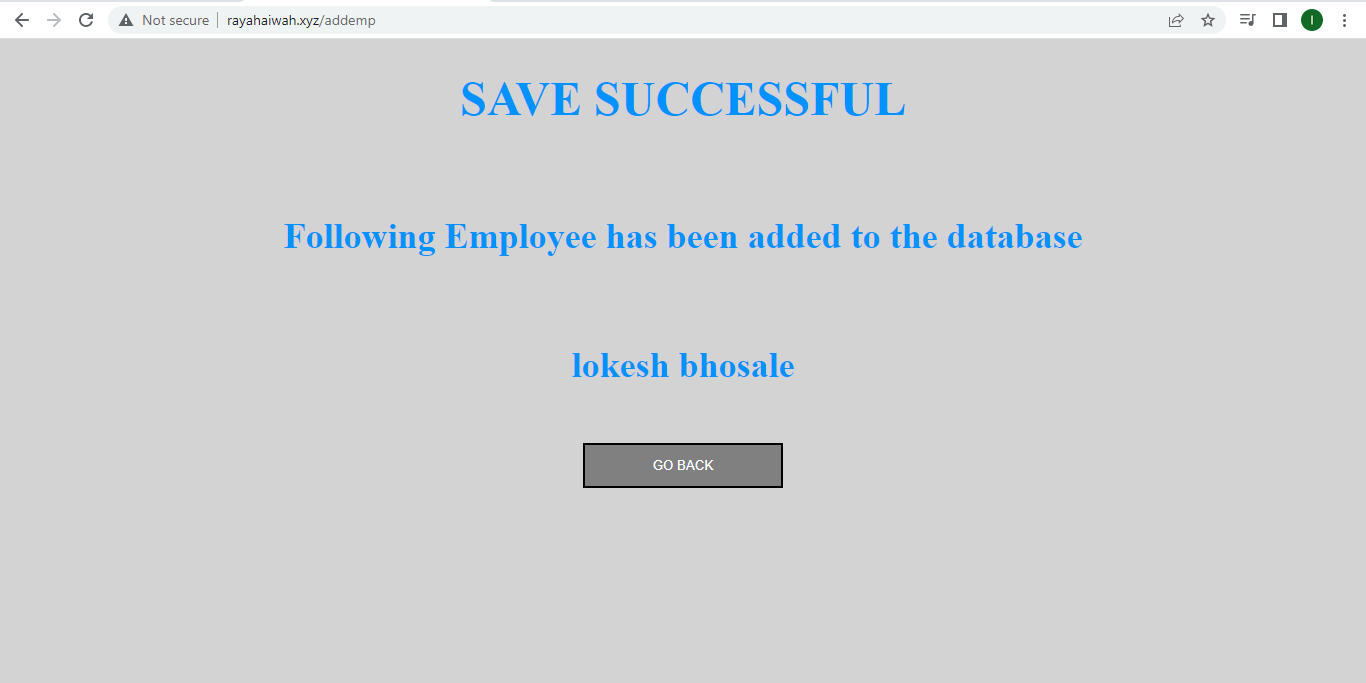




Deploying App.



Browser output :



Database entries :

