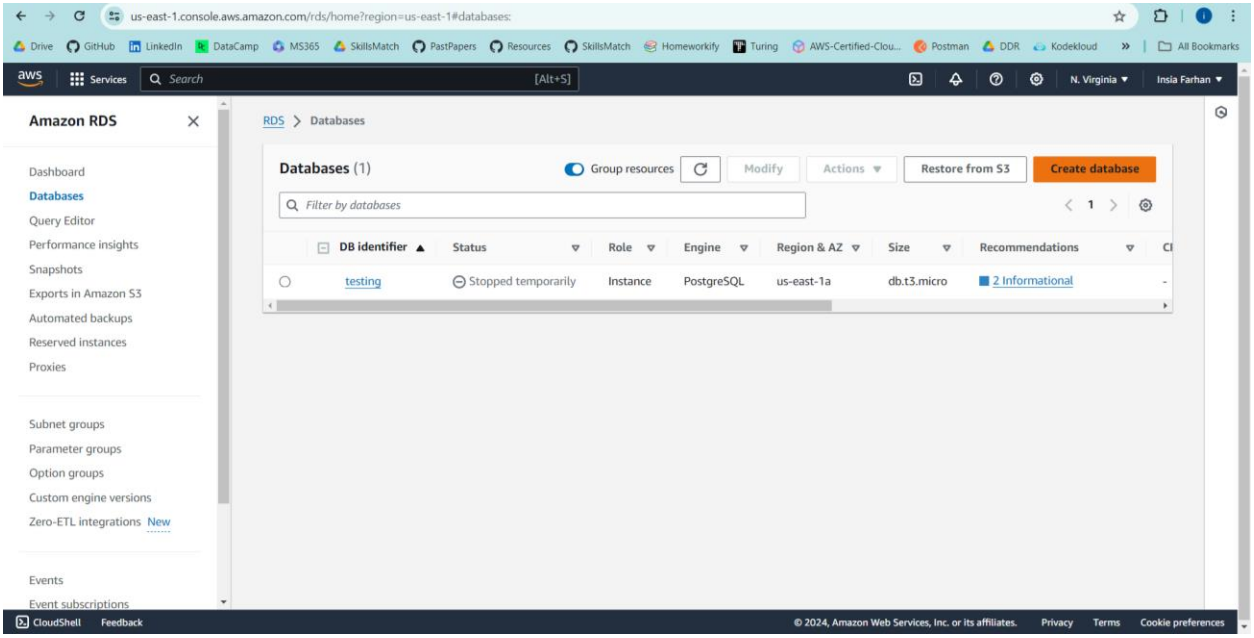
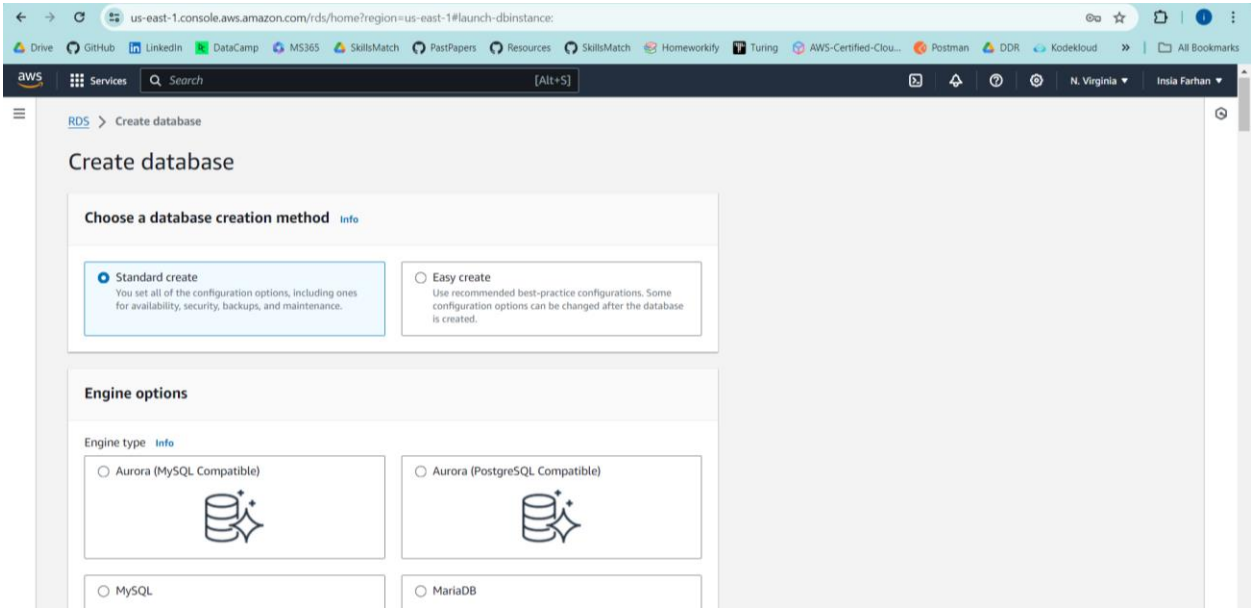
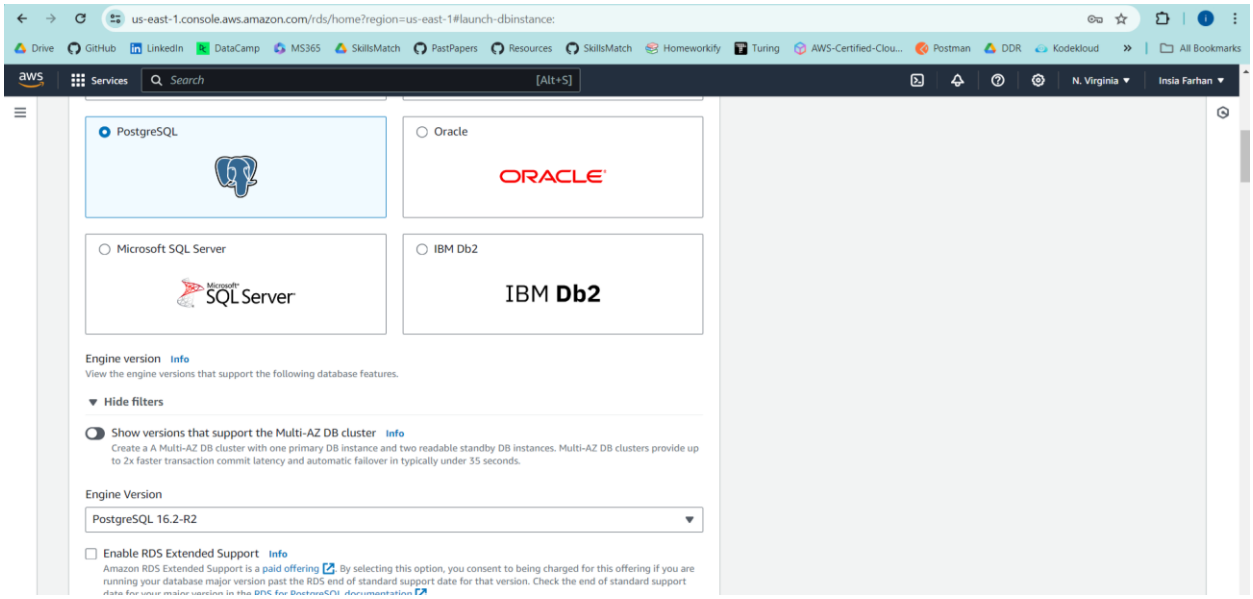
1. Log in your AWS account and open RDS, via search bar. Click on the Create database button in the upper right corner.

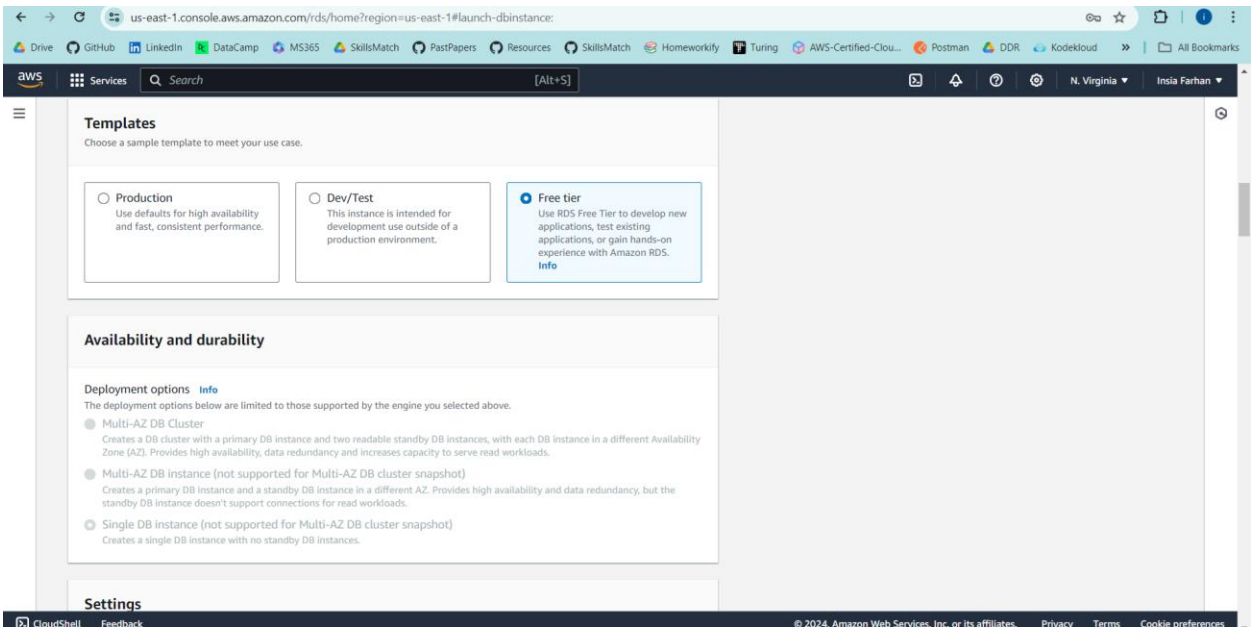


2. Click on Standard create.

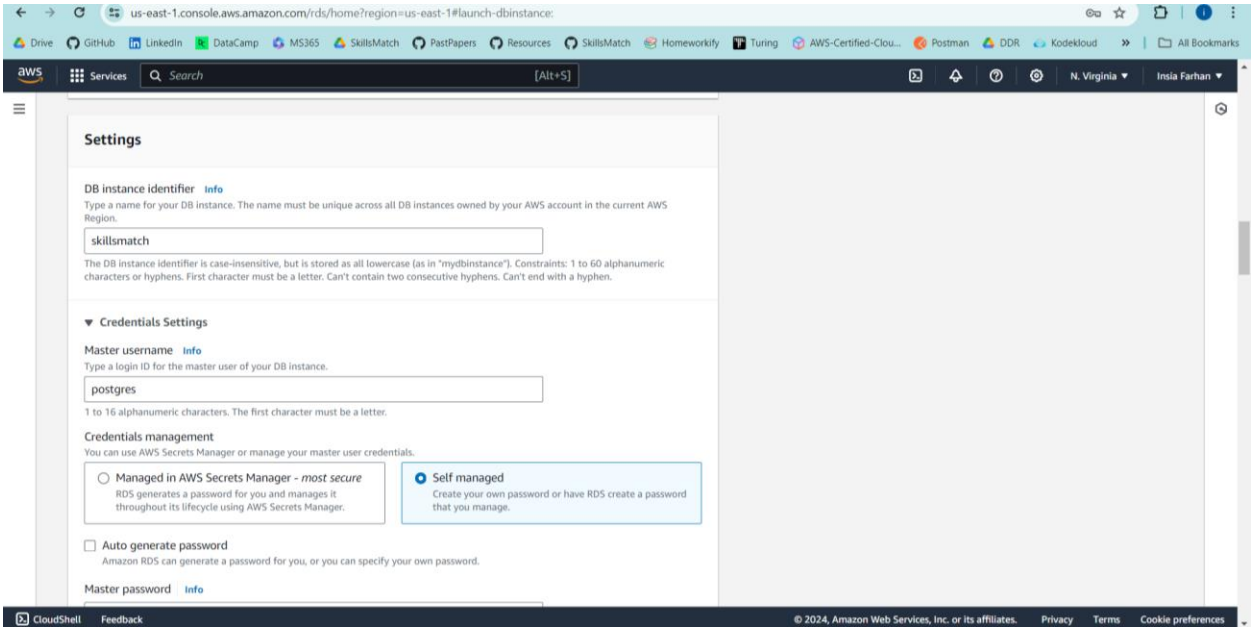


3. Choose PostgreSQL as per project details.

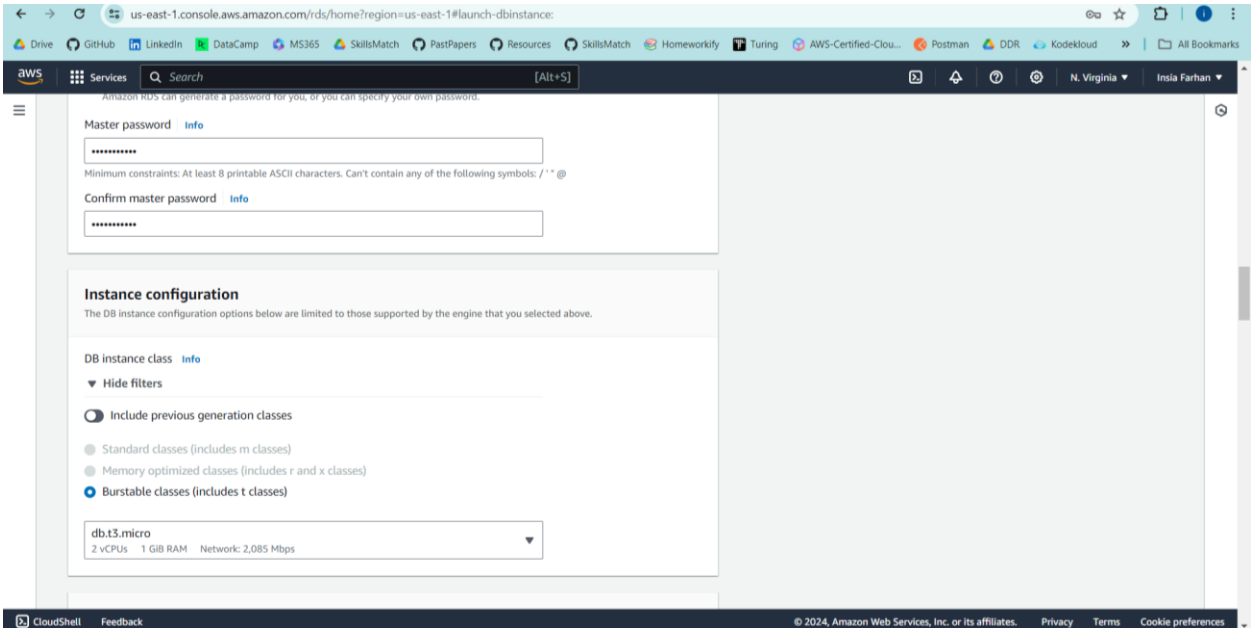


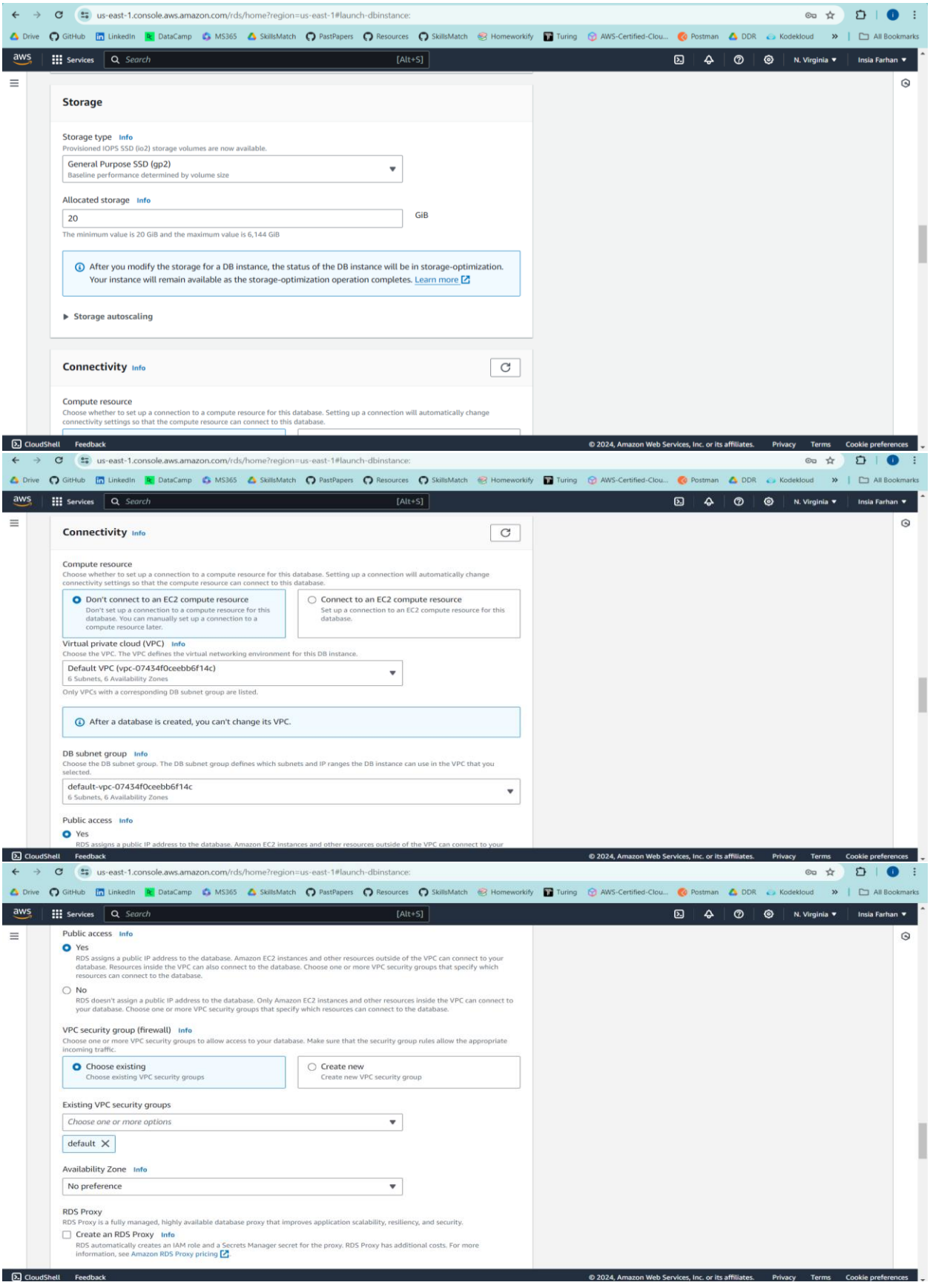


4. Click on Self managed for custom password generation.



5. Use db type according to your project size.




us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:
Services
Search
[Alt+S]
N. Virginia
Insia Farhan
Storage
Storage type Info
Provisioned IOPS SSD (io2) storage volumes are now available.
General Purpose SSD (gp2)
Baseline performance determined by volume size
Allocated storage Info
20
GiB
The minimum value is 20 GiB and the maximum value is 6,144 GiB
After you modify the storage for a DB instance, the status of the DB instance will be in storage-optimization.
Your instance will remain available as the storage-optimization operation completes. Learn more
Storage autoscaling
Connectivity Info
Compute resource
Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.
CloudShell
Feedback
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Privacy
Terms
Cookie preferences
Connectivity Info
Compute resource
Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.
Don't connect to an EC2 compute resource
Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.
Connect to an EC2 compute resource
Set up a connection to an EC2 compute resource for this database.
Virtual private cloud (VPC) Info
Choose the VPC. The VPC defines the virtual networking environment for this DB instance.
Default VPC (vpc-07434f0ceebb6f14c)
6 Subnets, 6 Availability Zones
Only VPCs with a corresponding DB subnet group are listed.
After a database is created, you can't change its VPC.
DB subnet group Info
Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.
default-vpc-07434f0ceebb6f14c
6 Subnets, 6 Availability Zones
Public access Info
Yes
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your
CloudShell
Feedback
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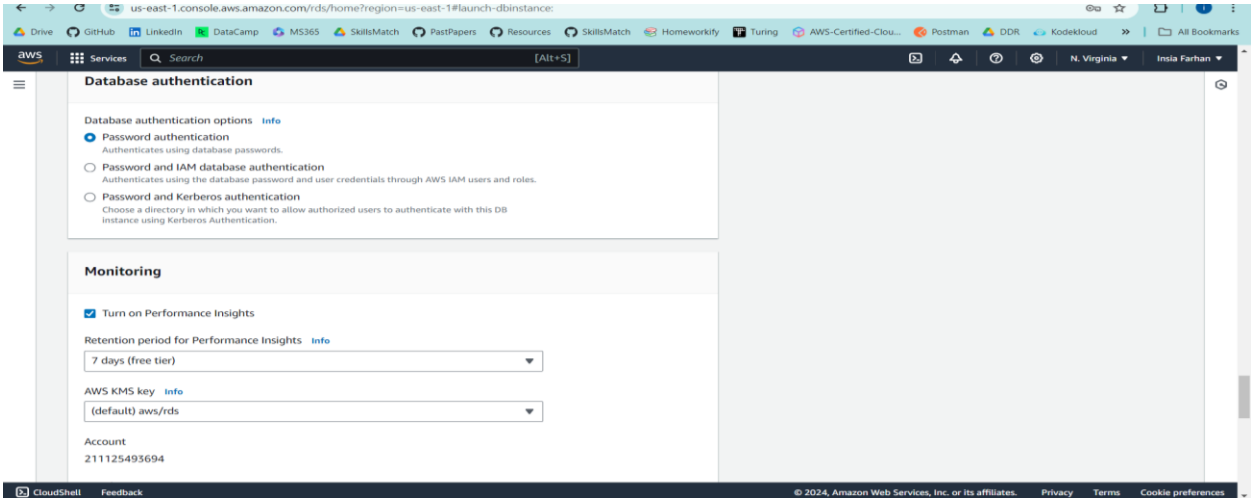
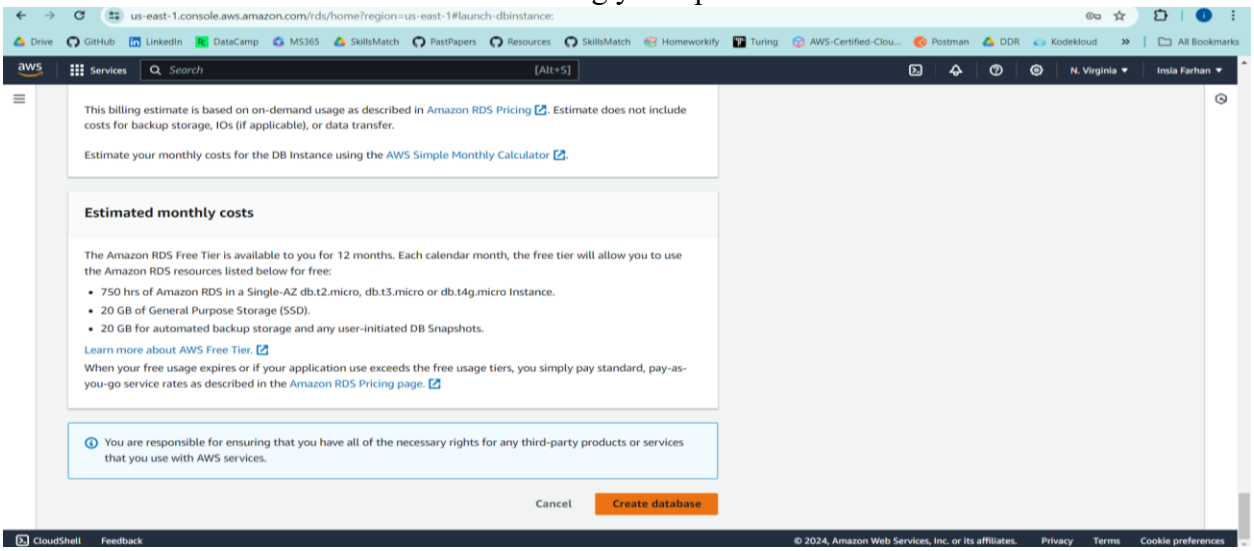
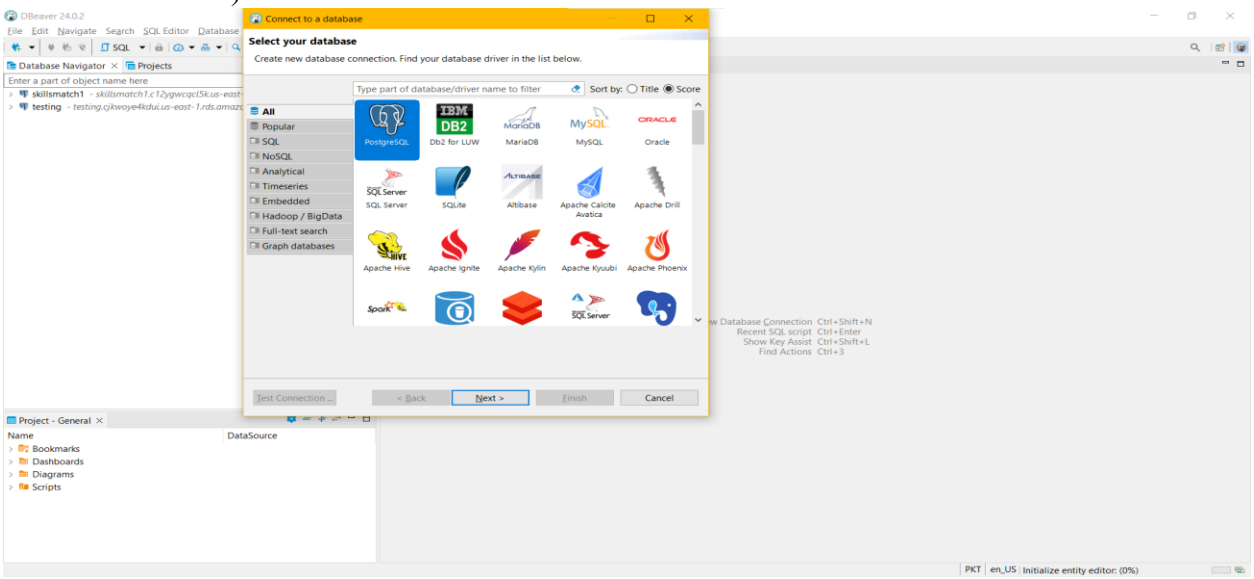
Privacy
Terms
Cookie preferences
Public access Info
Yes
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.
No
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.
VPC security group (firewall) Info
Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.
Choose existing
Choose existing VPC security groups
Create new
Create new VPC security group
Existing VPC security groups
Choose one or more options
default
Availability Zone Info
No preference
RDS Proxy
RDS Proxy is a fully managed, highly available database proxy that improves application scalability, resiliency, and security.
Create an RDS Proxy Info
RDS automatically creates an IAM role and a Secrets Manager secret for the proxy. RDS Proxy has additional costs. For more information, see Amazon RDS Proxy pricing
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences



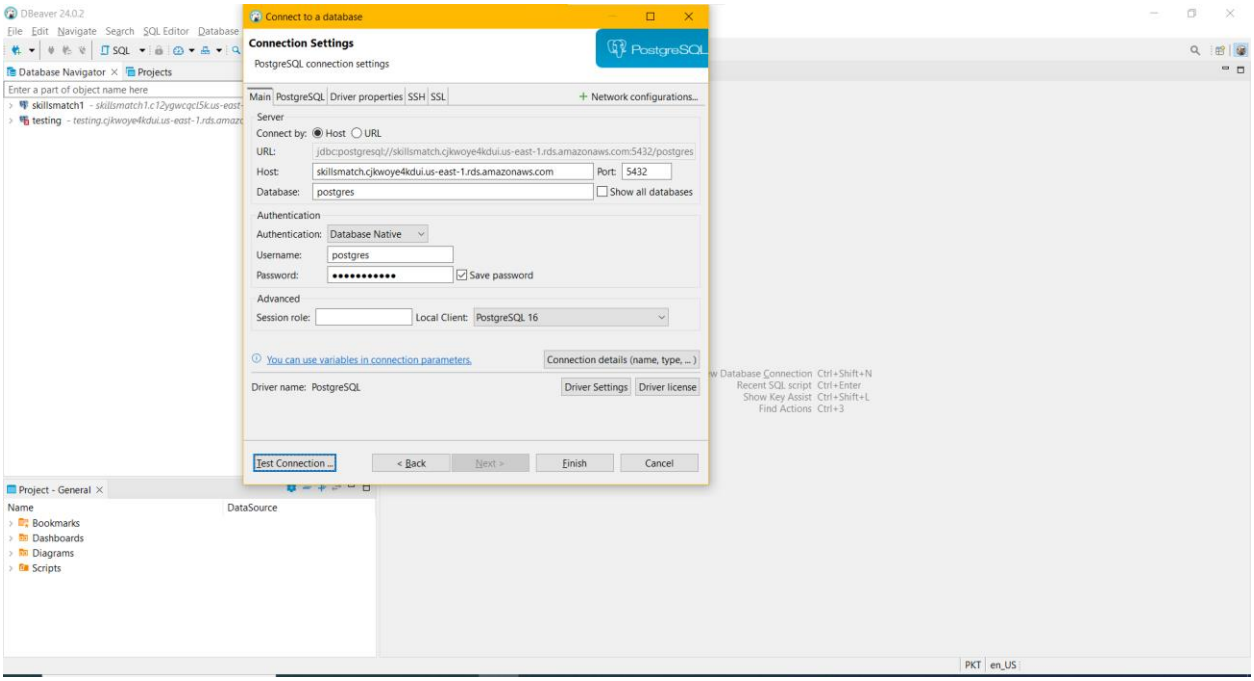
6. Click on Create database after choosing your specifications.



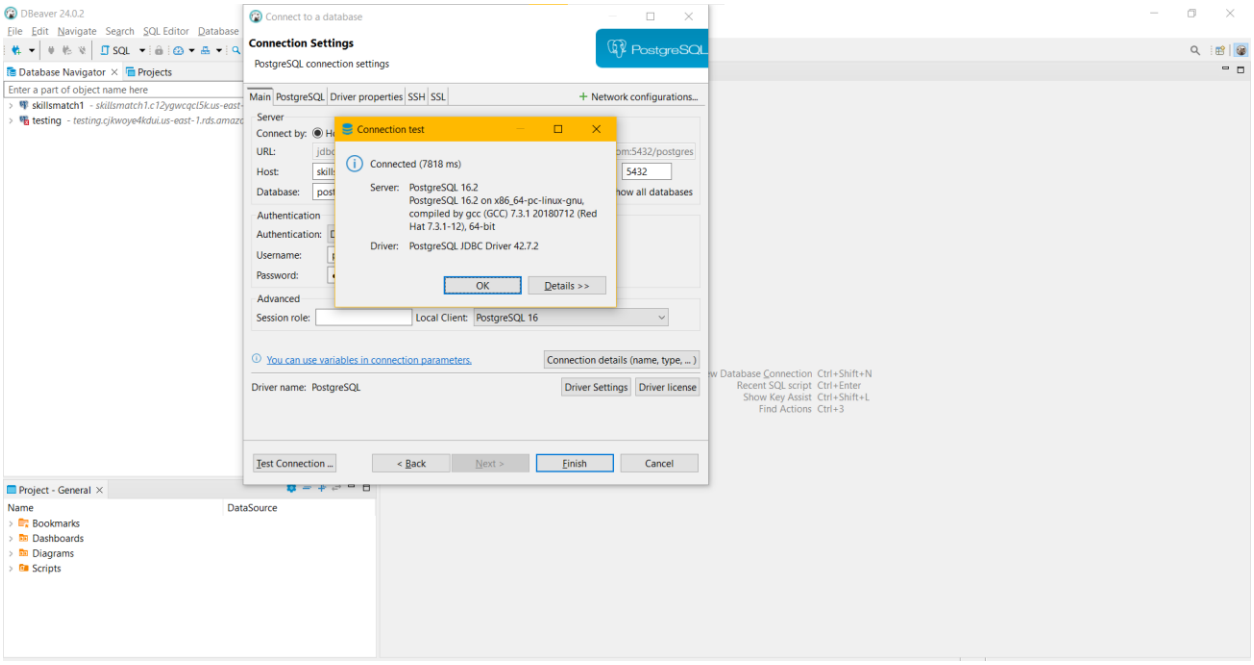
7. Open DBeaver and and choose New Connection (icon below the File button, in the upper left corner).



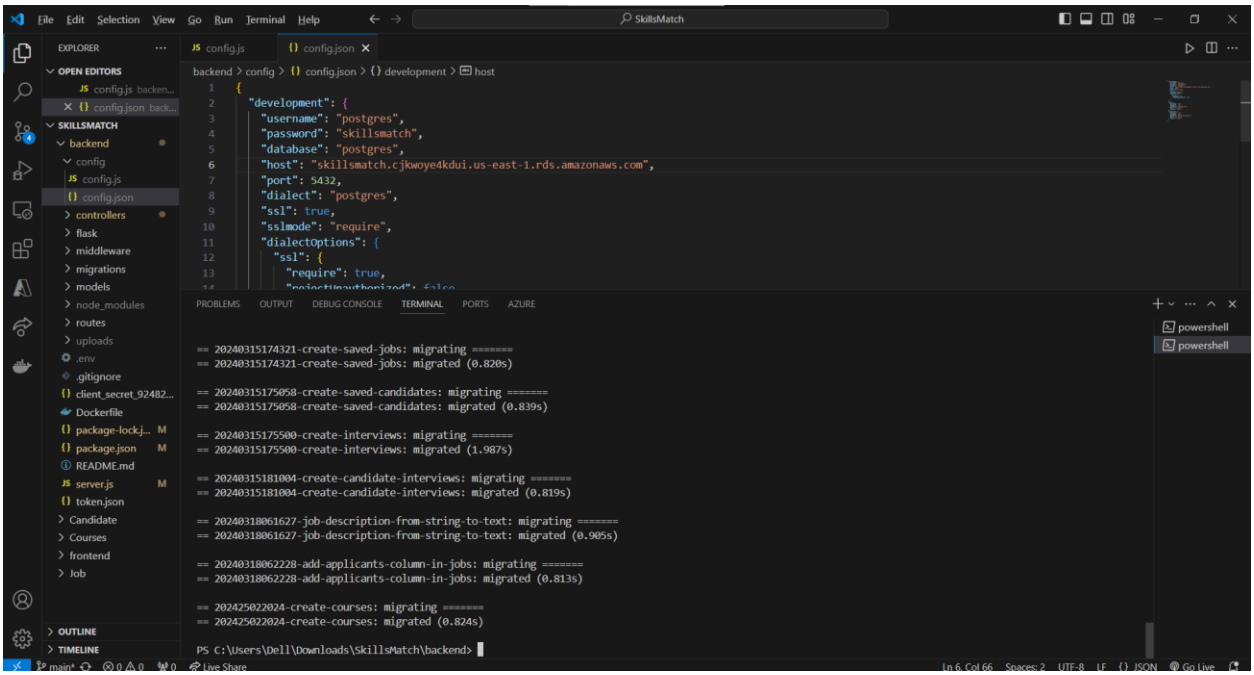
8. Fill in your RDS configurations and Test the connection.



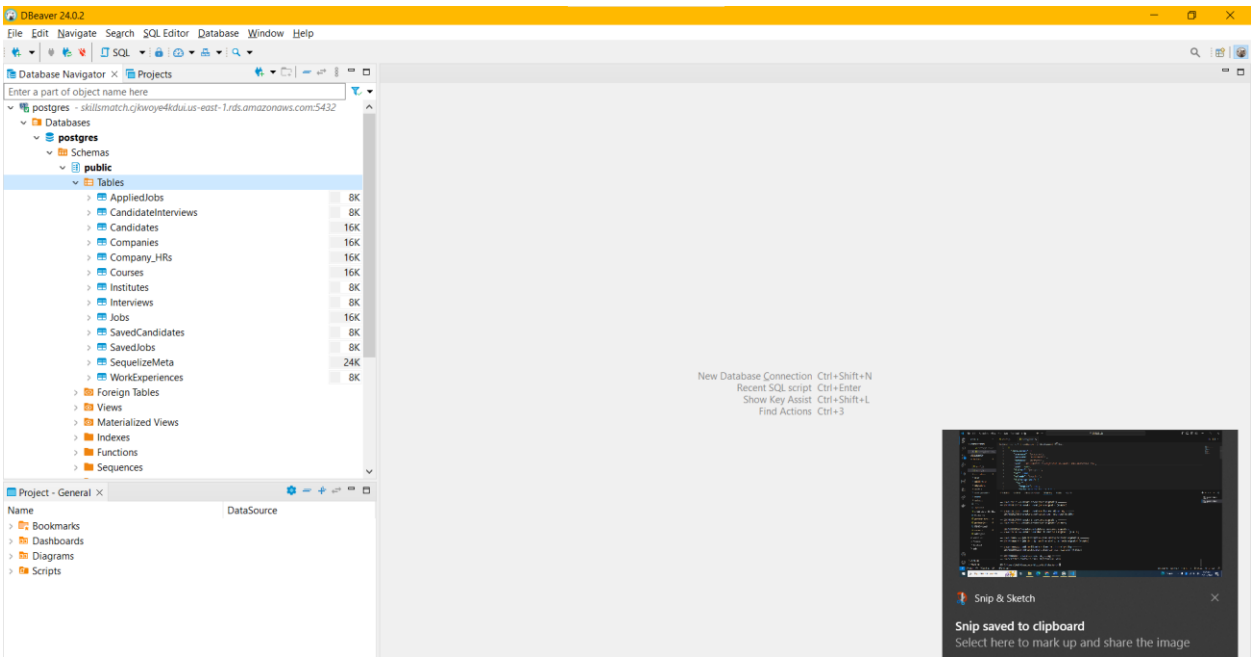
9. On success of the connection, click on Finish.



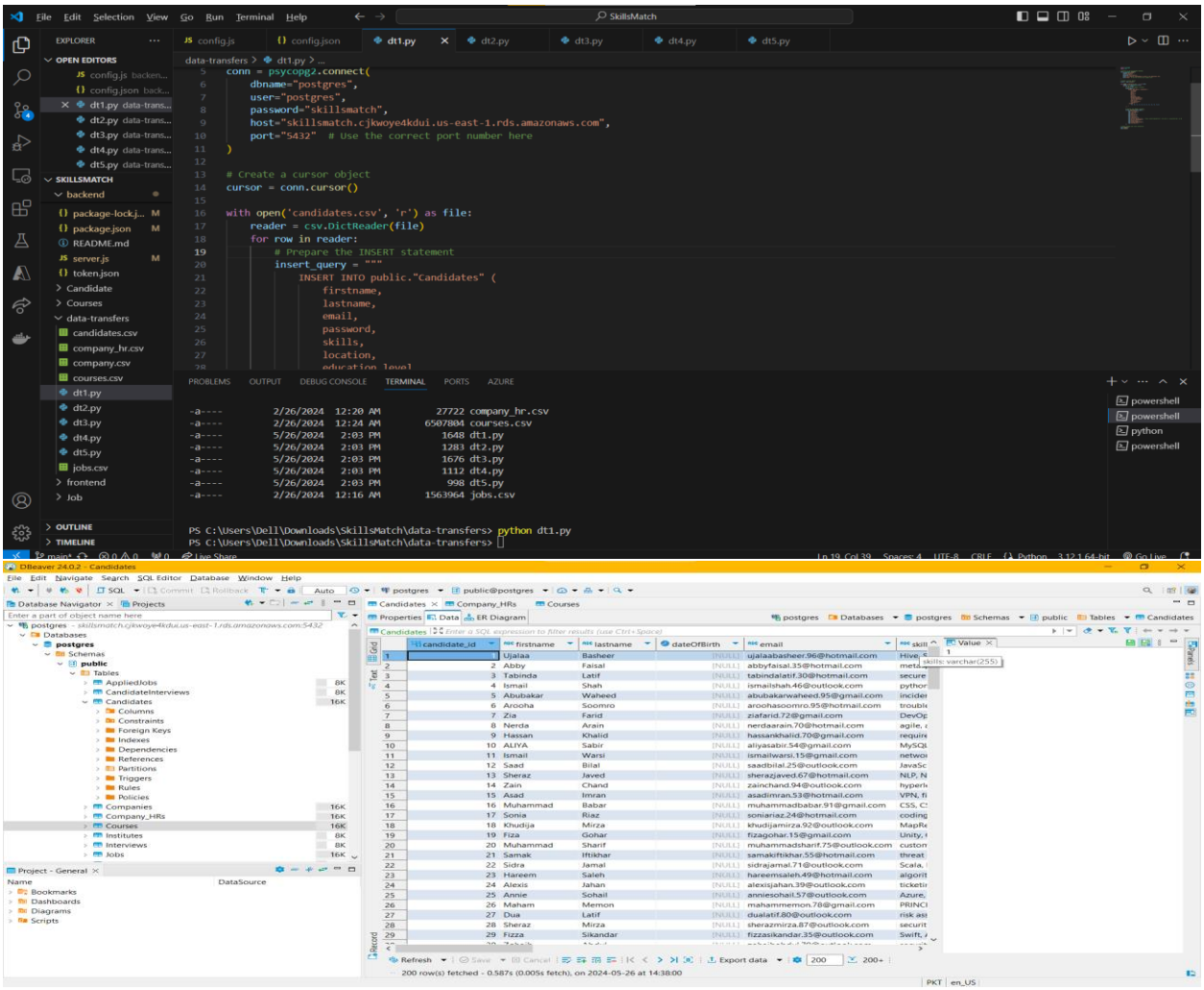
10. Open your code editor, replace the database configurations with RDS configurations and run your migrations.



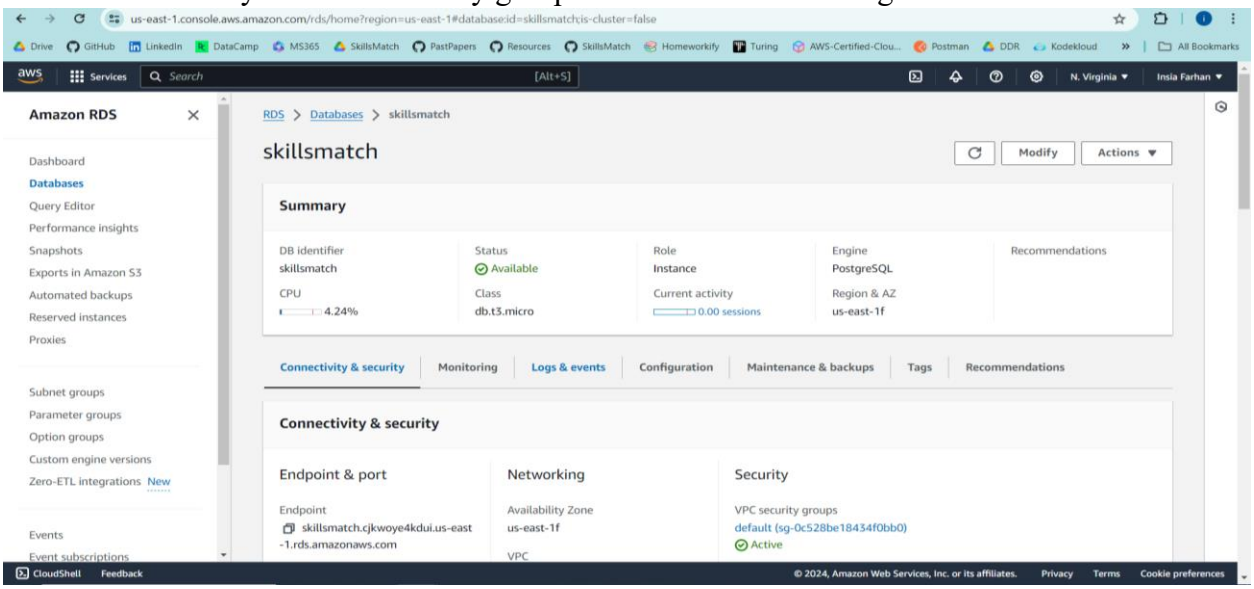
11. Verify your migrations output in DBeaver, by viewing the creation of tables.

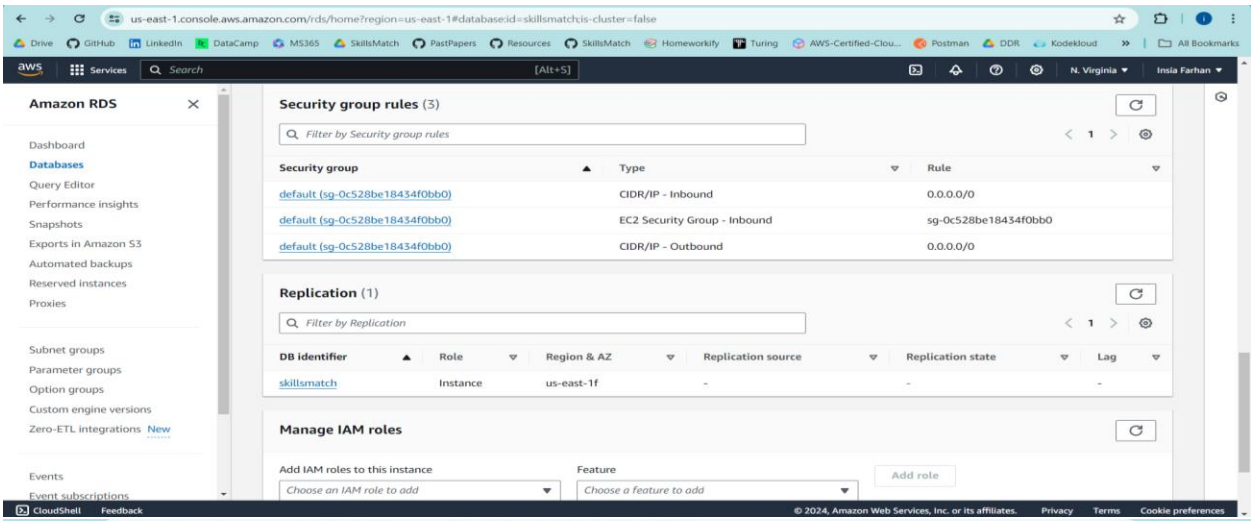


12. Similarly, update database configurations in the data transfers codes and run those scripts. Data will be stored in RDS.



13. Make sure your RDS' security group consists of the following inbound rules.




us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database:id=skillsmatch;is-cluster=false
Amazon RDS
Dashboard
Databases
Query Editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Custom engine versions
Zero-ETL integrations New
Events
Event subscriptions
Security group rules (3)
Filter by Security group rules
Security group
Type
Rule
default (sg-0c528be18434f0bb0)
CIDR/IP - Inbound
0.0.0.0/0
default (sg-0c528be18434f0bb0)
EC2 Security Group - Inbound
sg-0c528be18434f0bb0
default (sg-0c528be18434f0bb0)
CIDR/IP - Outbound
0.0.0.0/0
Replication (1)
Filter by Replication
DB identifier
Role
Region & AZ
Replication source
Replication state
Lag
skillsmatch
Instance
us-east-1f
Manage IAM roles
Add IAM roles to this instance
Choose an IAM role to add
Feature
Choose a feature to add
Add role
CloudShell
Feedback
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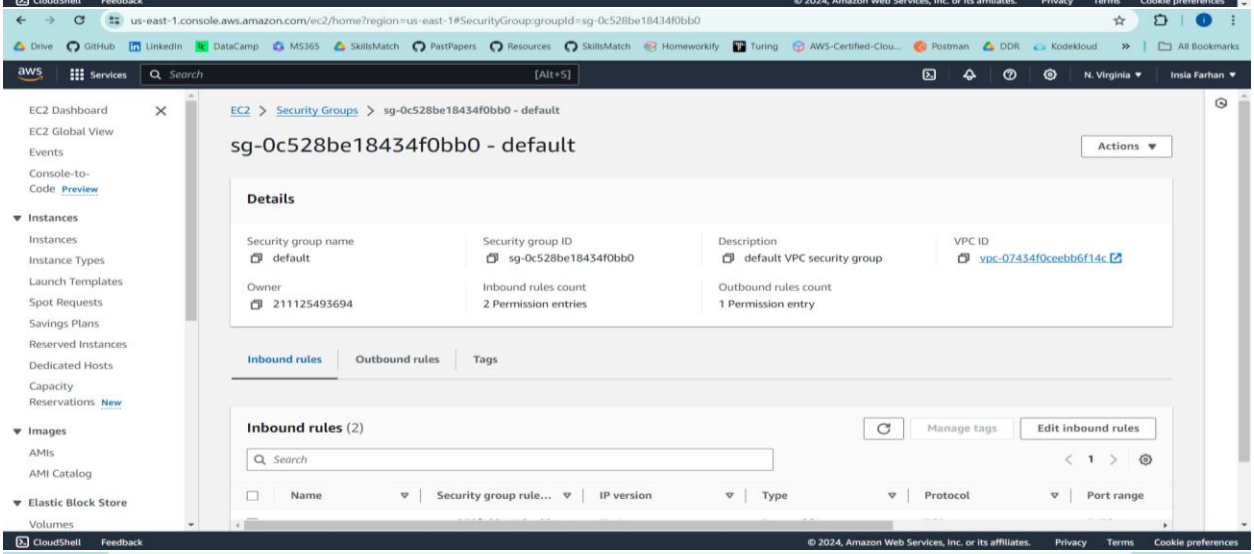
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroup:groupId=sg-0c528be18434f0bb0
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
EC2 > Security Groups > sg-0c528be18434f0bb0 - default
sg-0c528be18434f0bb0 - default
Actions
Details
Security group name
default
Security group ID
sg-0c528be18434f0bb0
Description
default VPC security group
VPC ID
vpc-07434f0ceebb6f14c
Owner
211125493694
Inbound rules count
2 Permission entries
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
Inbound rules (2)
Manage tags
Edit inbound rules
Search
Name
Security group rule...
IP version
Type
Protocol
Port range
CloudShell
Feedback
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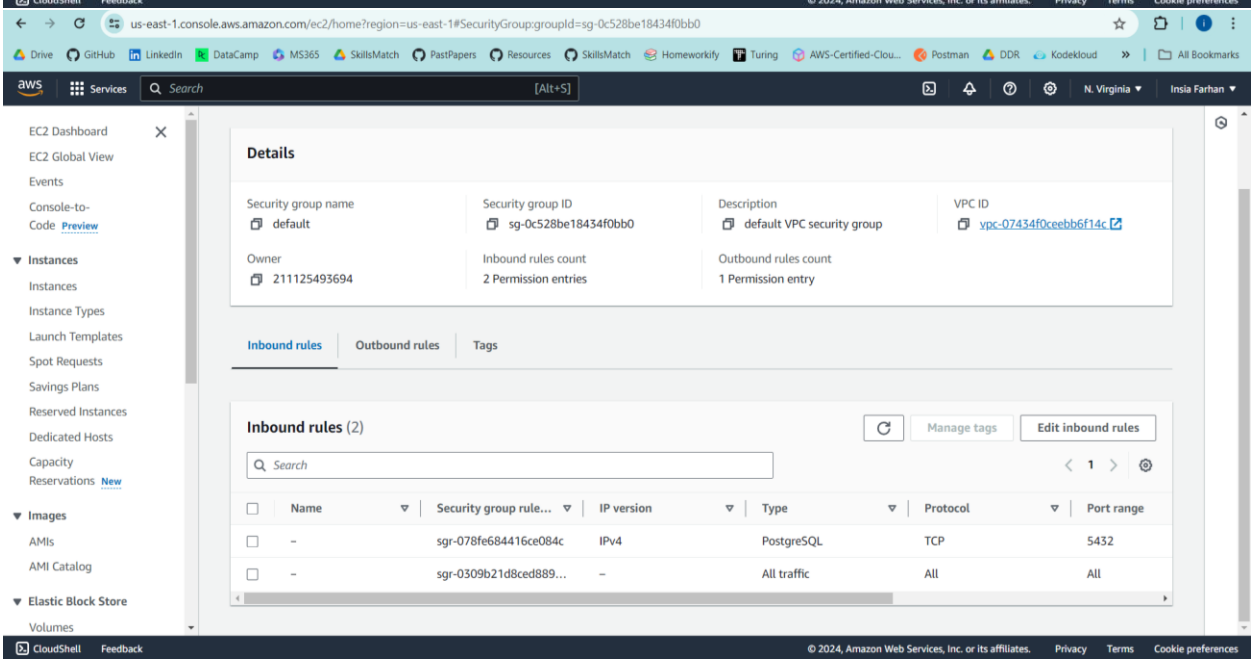
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroup:groupId=sg-0c528be18434f0bb0
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Details
Security group name
default
Security group ID
sg-0c528be18434f0bb0
Description
default VPC security group
VPC ID
vpc-07434f0ceebb6f14c
Owner
211125493694
Inbound rules count
2 Permission entries
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
Inbound rules (2)
Manage tags
Edit inbound rules
Search
Name
Security group rule...
IP version
Type
Protocol
Port range
-
sgr-078fe684416ce084c
IPv4
PostgreSQL
TCP
5432
-
sgr-0309b21d8ced889...
-
All traffic
All
All
CloudShell
Feedback
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