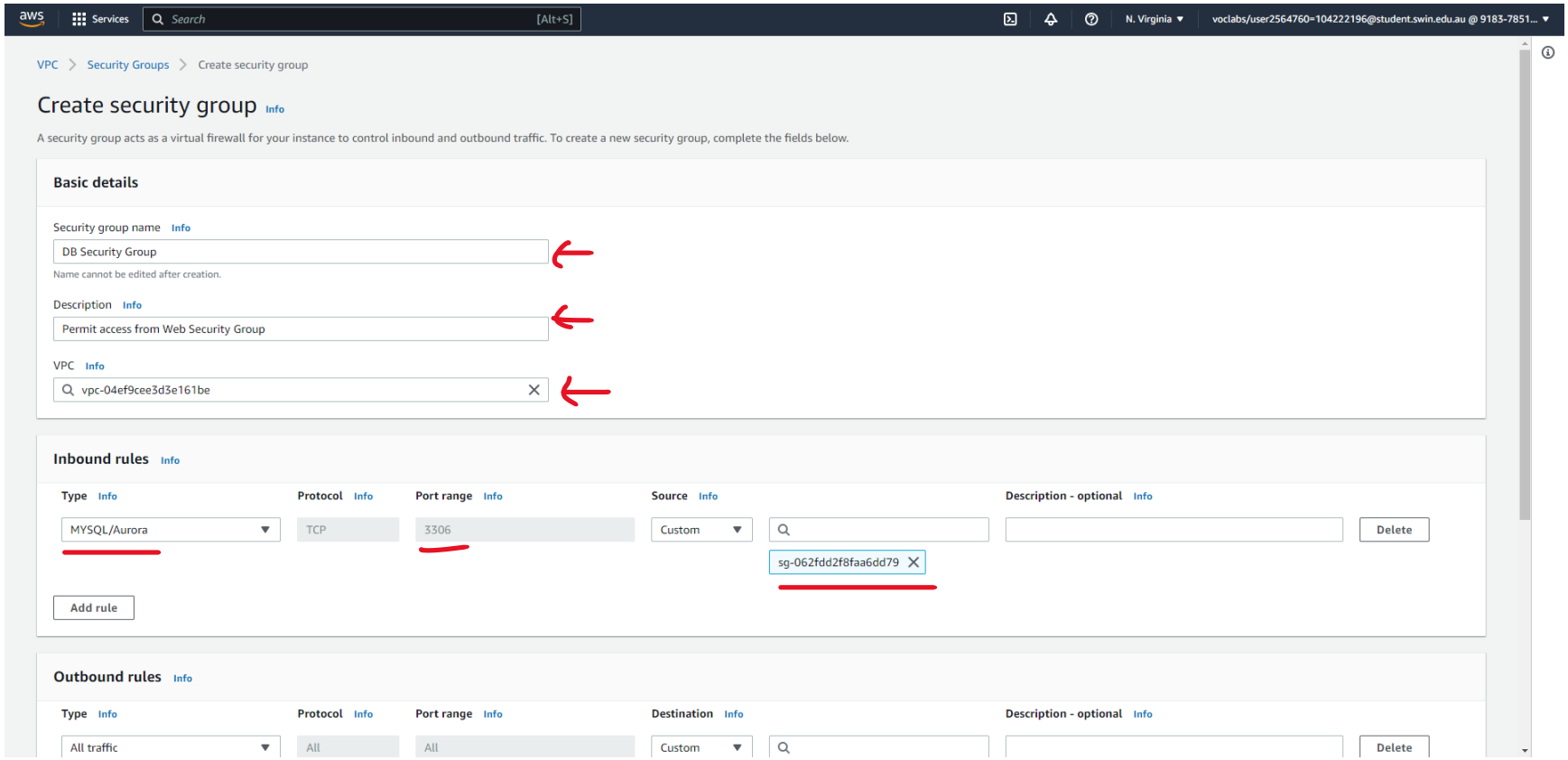
Ta Quang Tung – 104222196

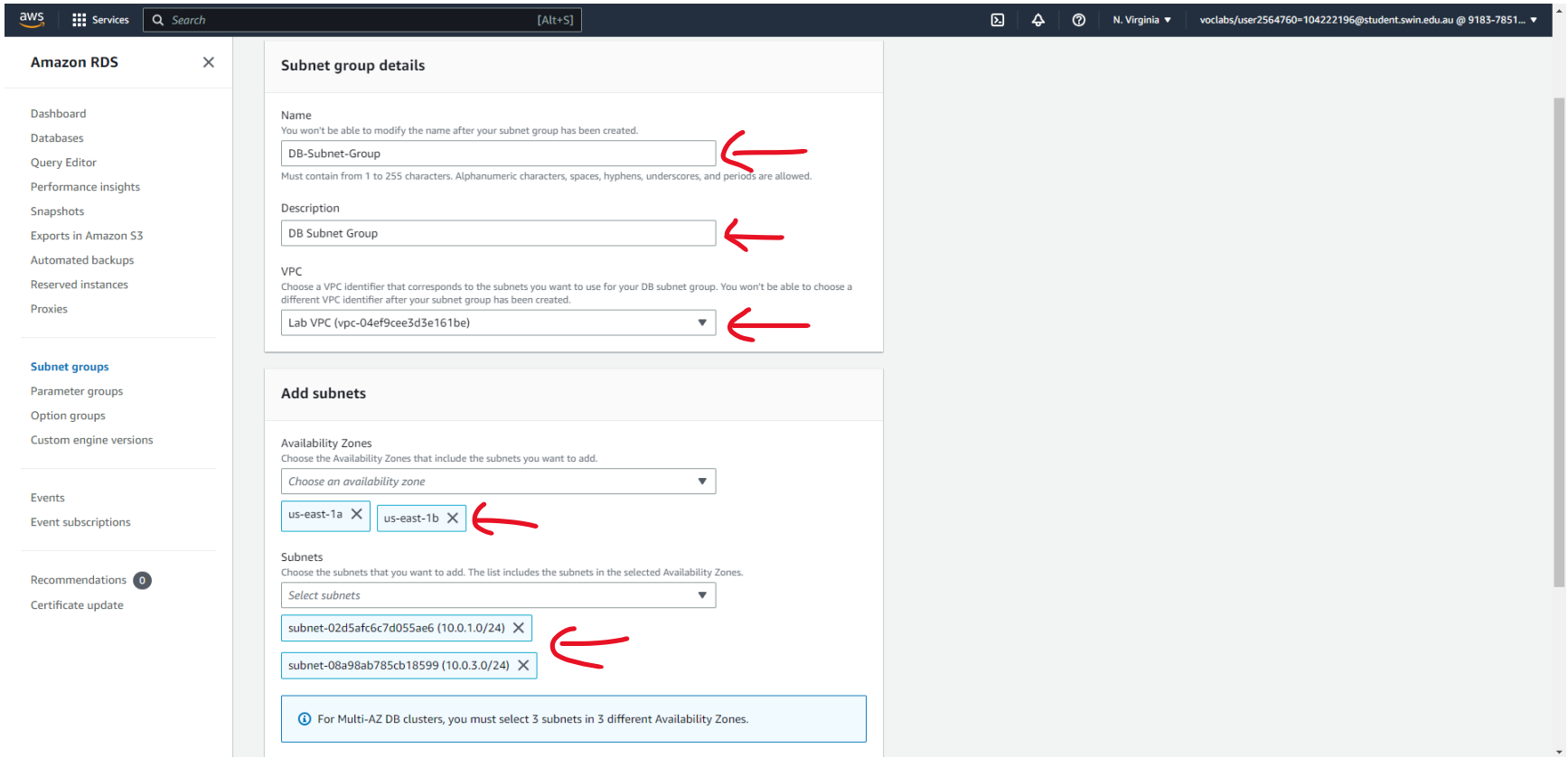
COS20019 – Cloud Computing Architecture - Wk5: ACF Lab 5: RDS lab

Task 1 - Create a Security Group for the RDS DB Instance



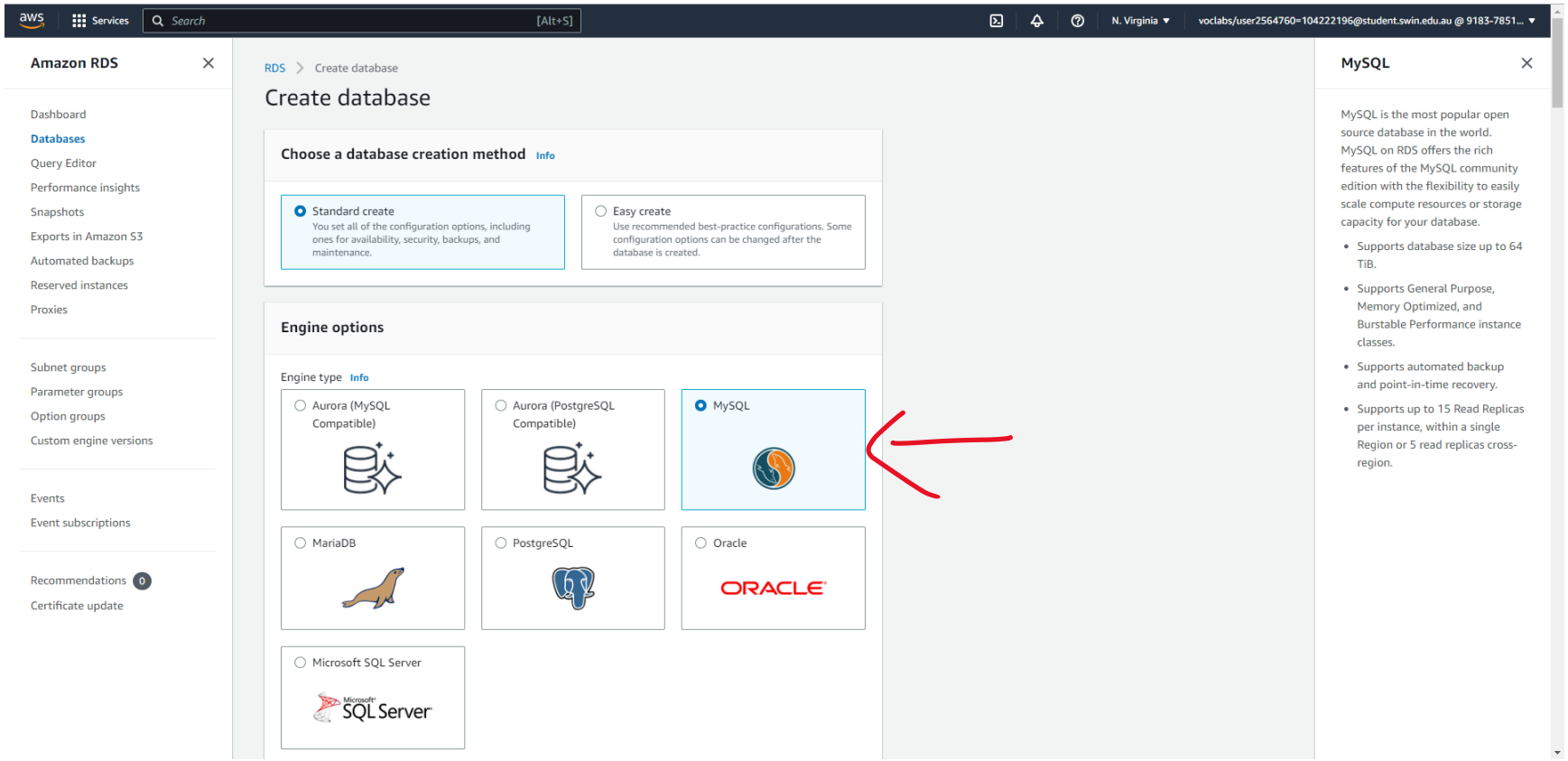
Steps 5-10: Create a new security group for the database with the required name, description, VPC, and inbound rule.

Task 2 - Create a DB Subnet Group

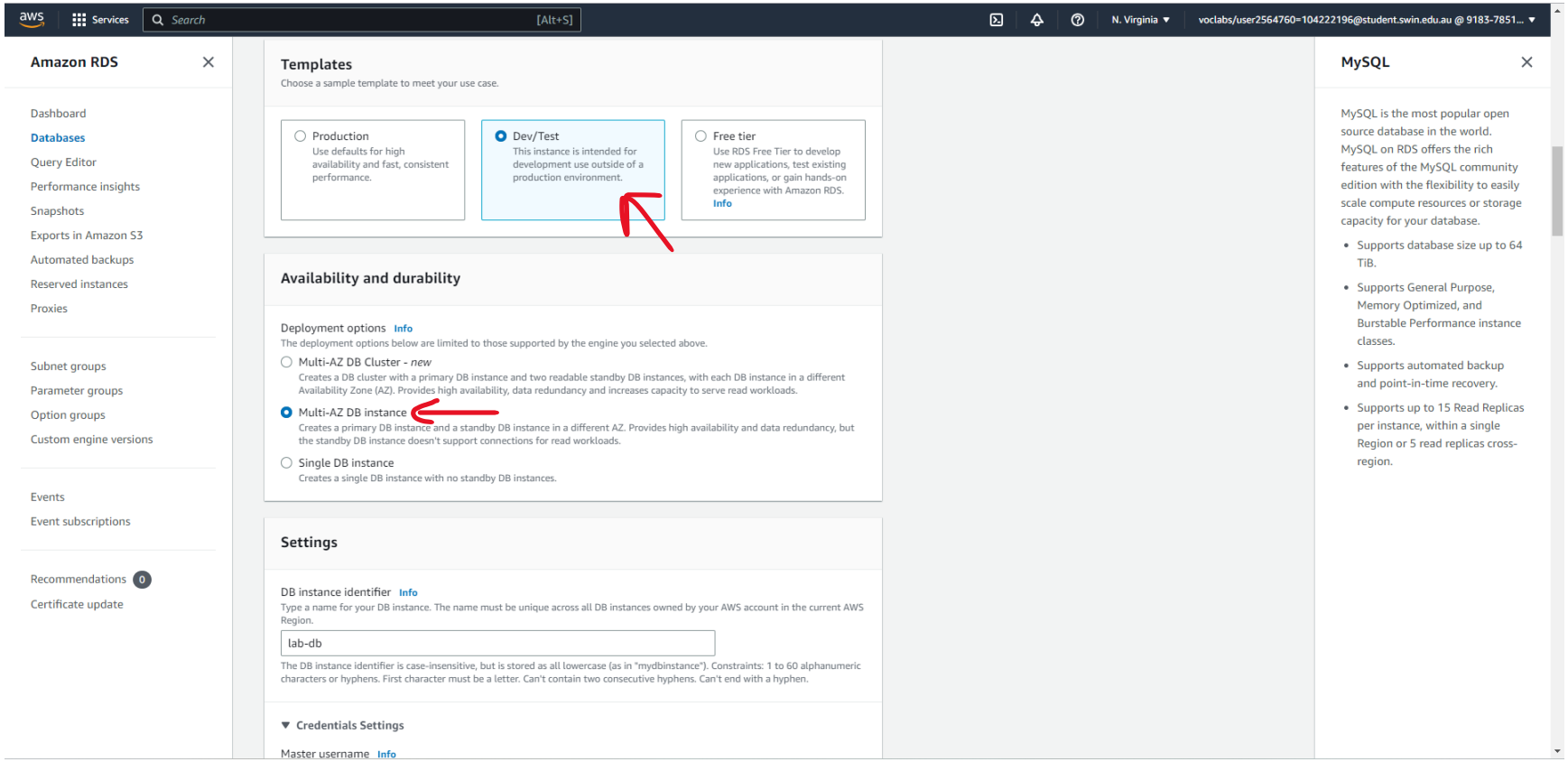


Steps 11-17: Create a new subnet group with the required name, description, VPC, and subnets.

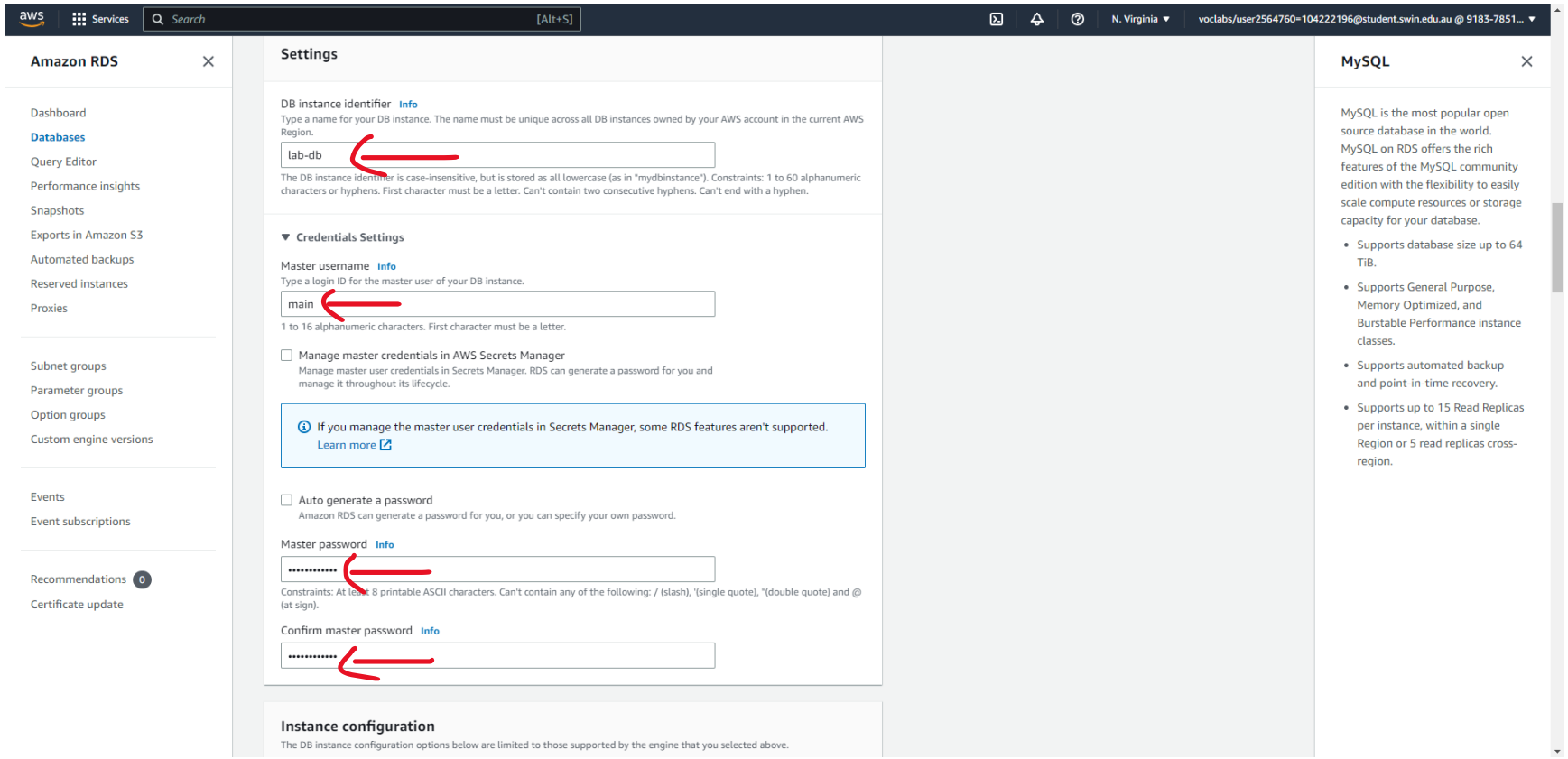
Task 3 - Create an Amazon RDS DB Instance



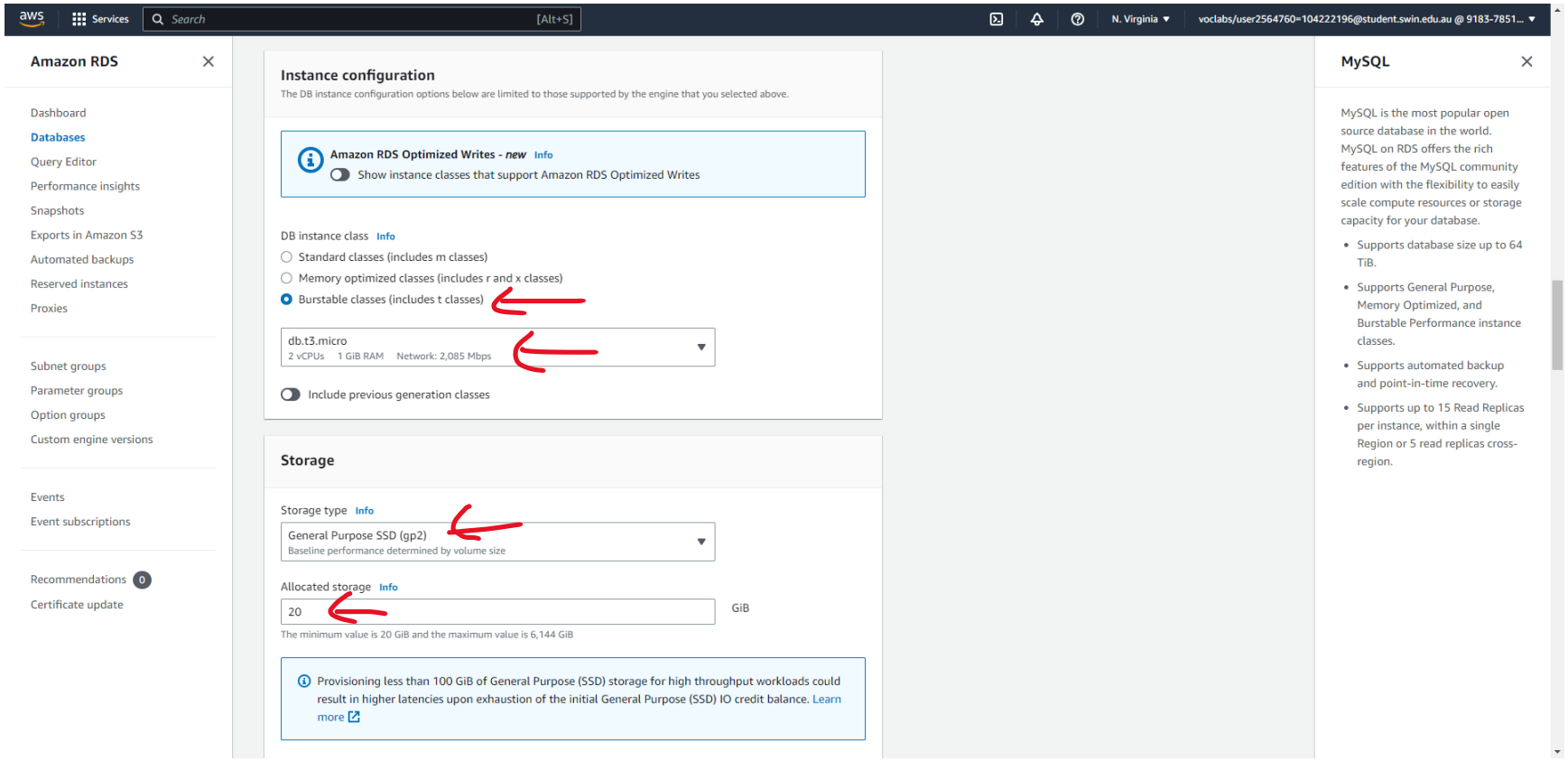
Steps 18-20: Choose MySQL engine.



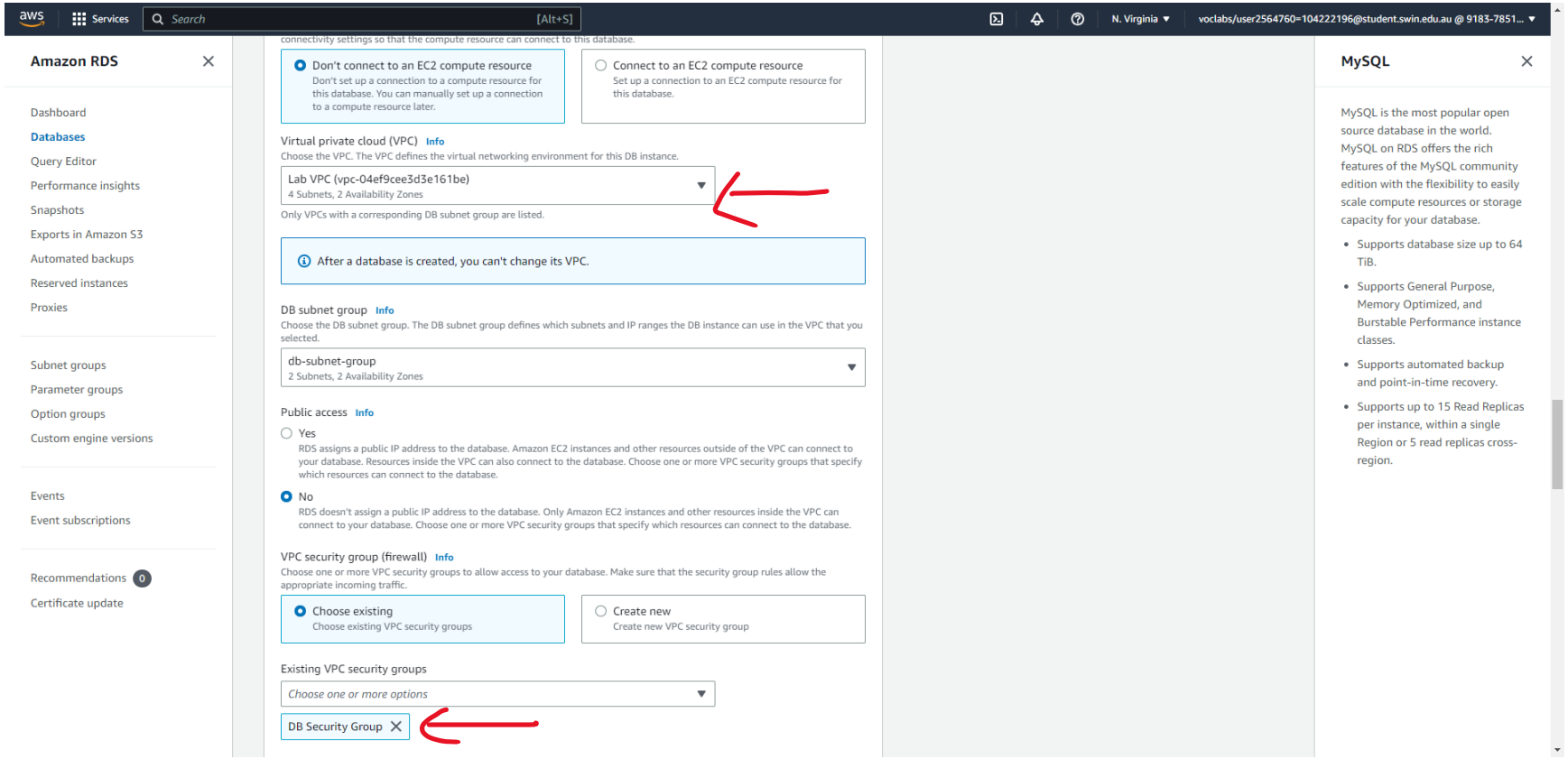
Steps 21-22: Choose Dev/Test template and Multi-AZ DB instance.



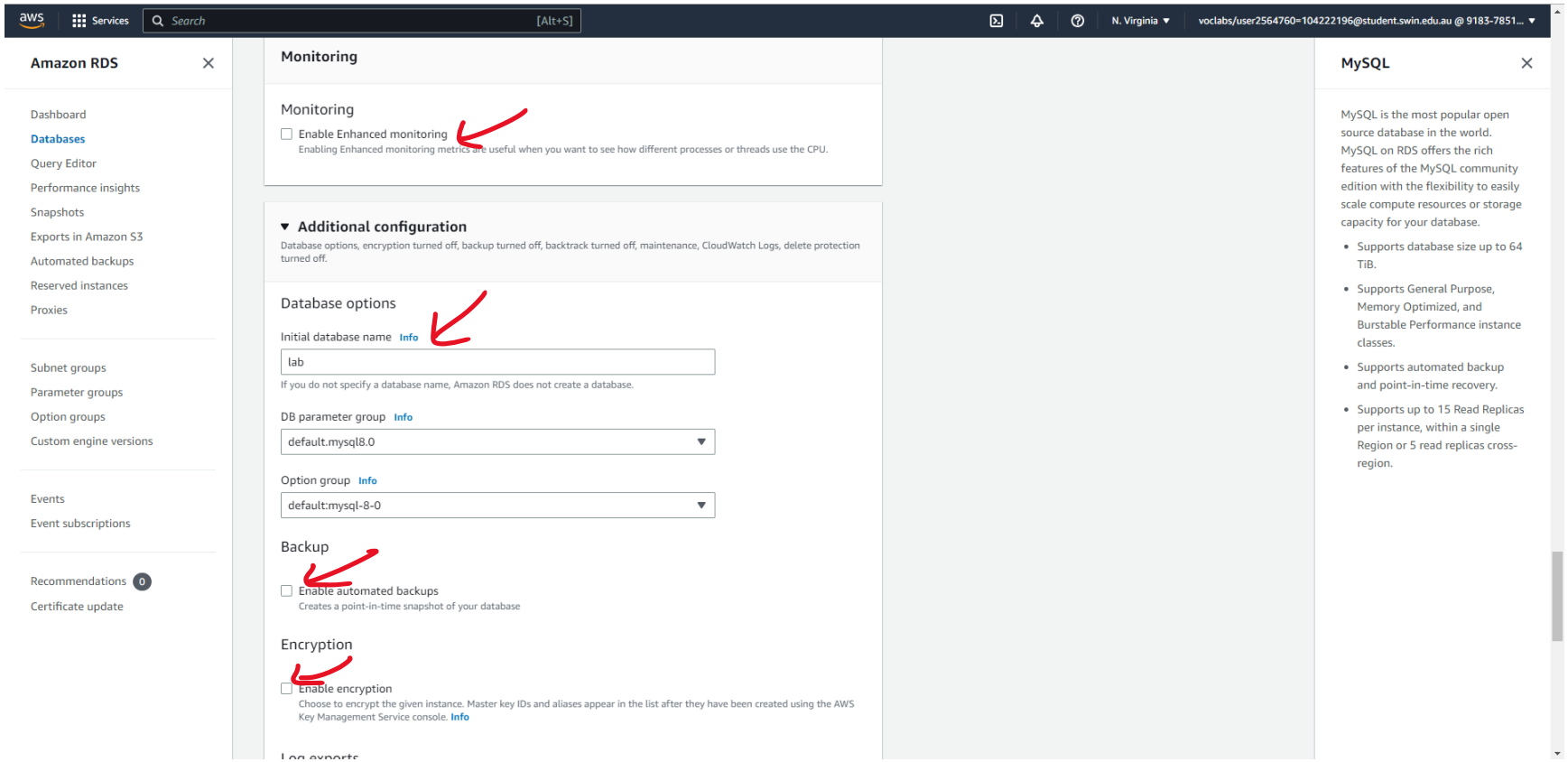
Step 23: Configure DB settings, including instance identifier, master username, and password.



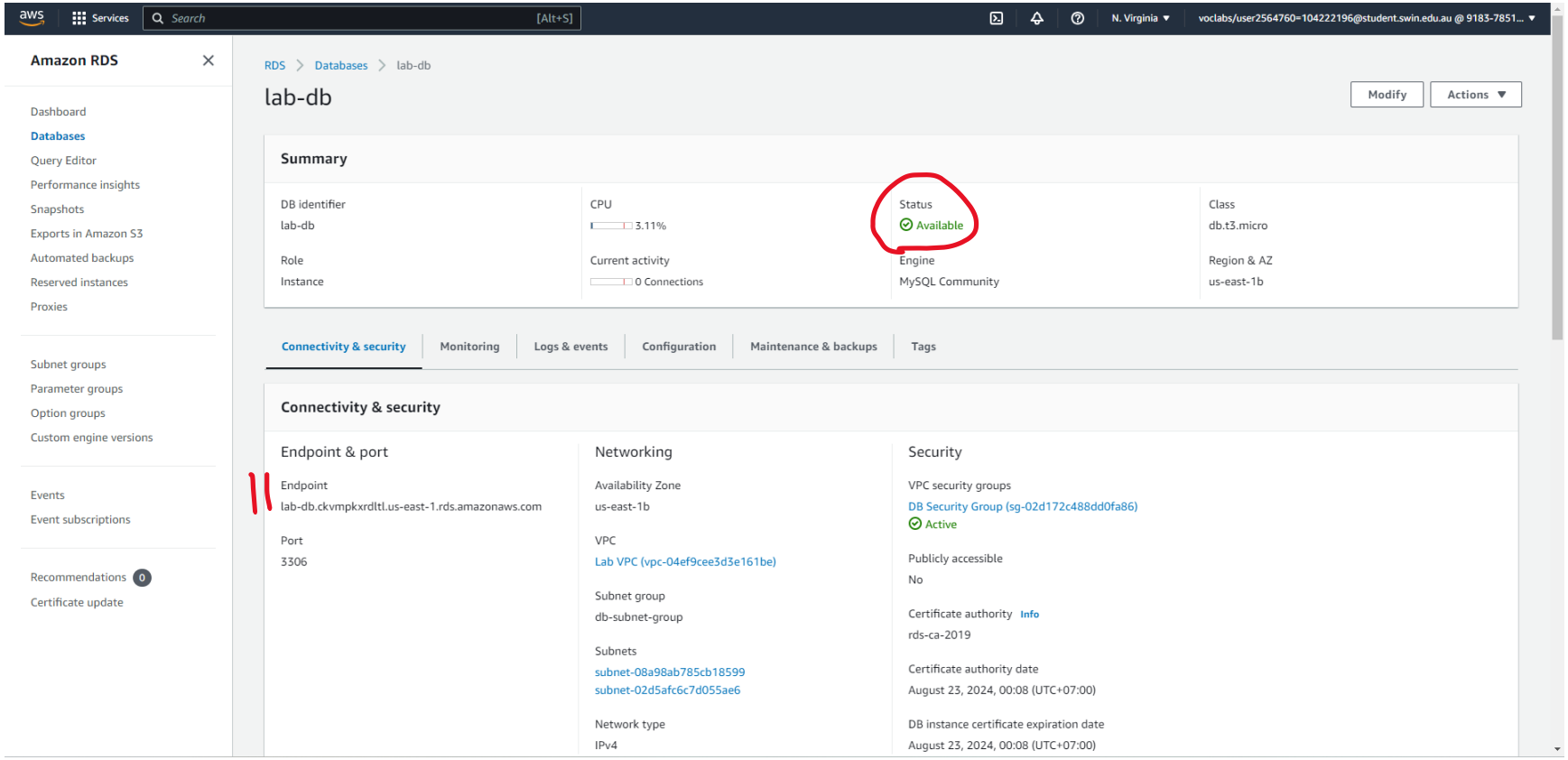
Steps 24-25: Choose burstable DB instance class, db.t3.micro, and configure storage setting to General Purpose SSD with 20GiBs of allocated storage.



Steps 26-27: Select the Lab VPC, and choose only the DB Security Group created earlier.

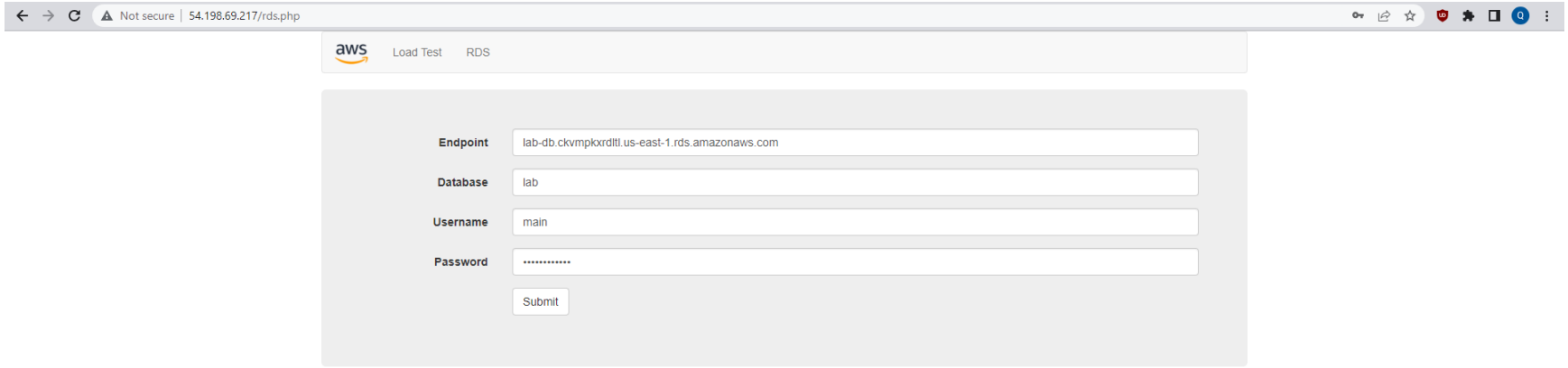


Step 28: Configure additional settings.

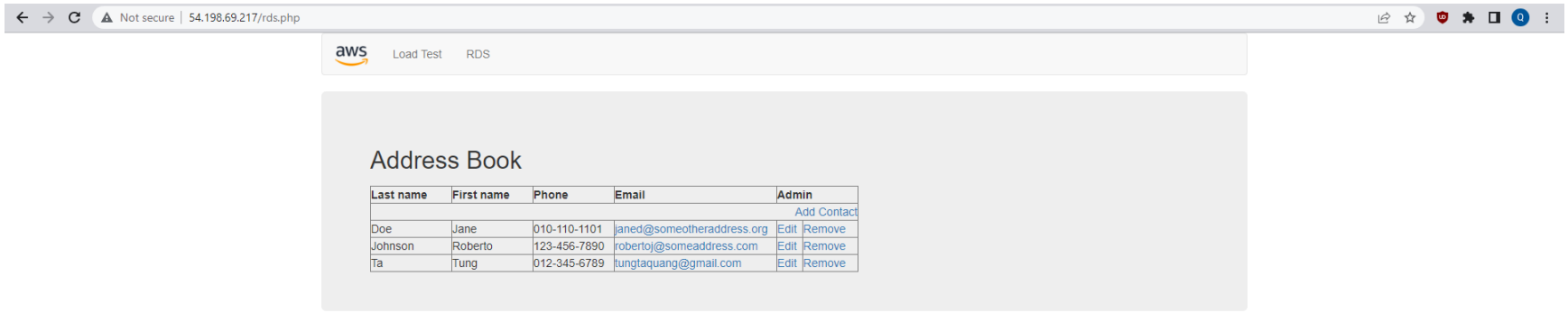


Steps 29-33: The database has been successfully created.

Task 4 - Interact with Your Database



Steps 32-35: Accessing the database via the WebServer IP address.



Step 36: The database's data successfully shows. In this picture a new entry has been added.