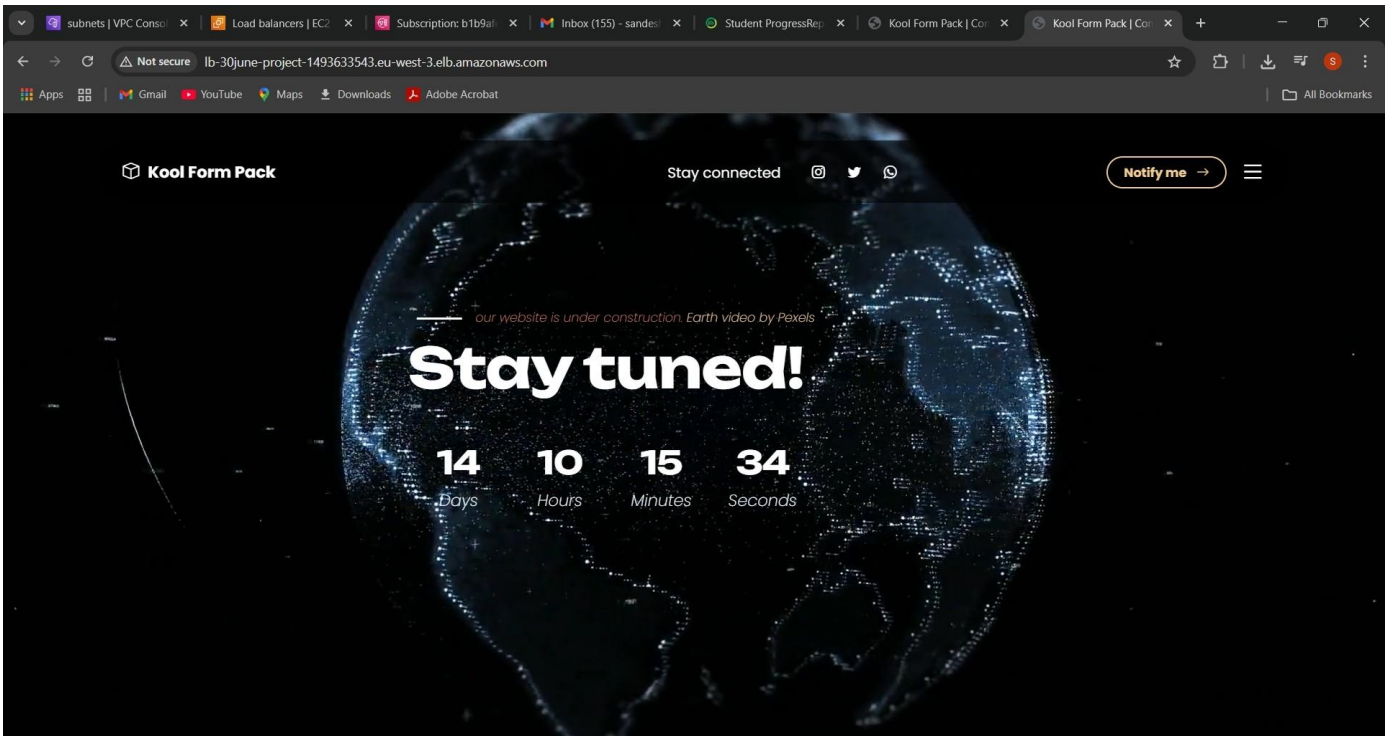
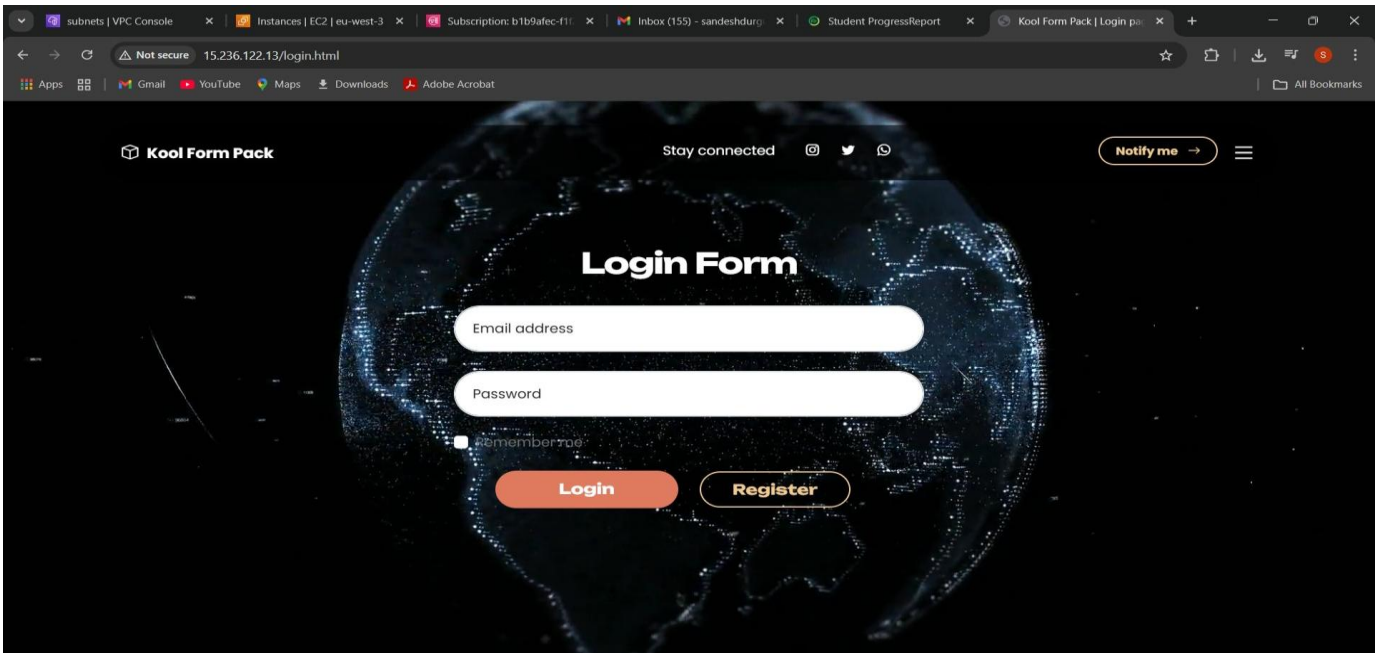
AWS Project

Project Overview

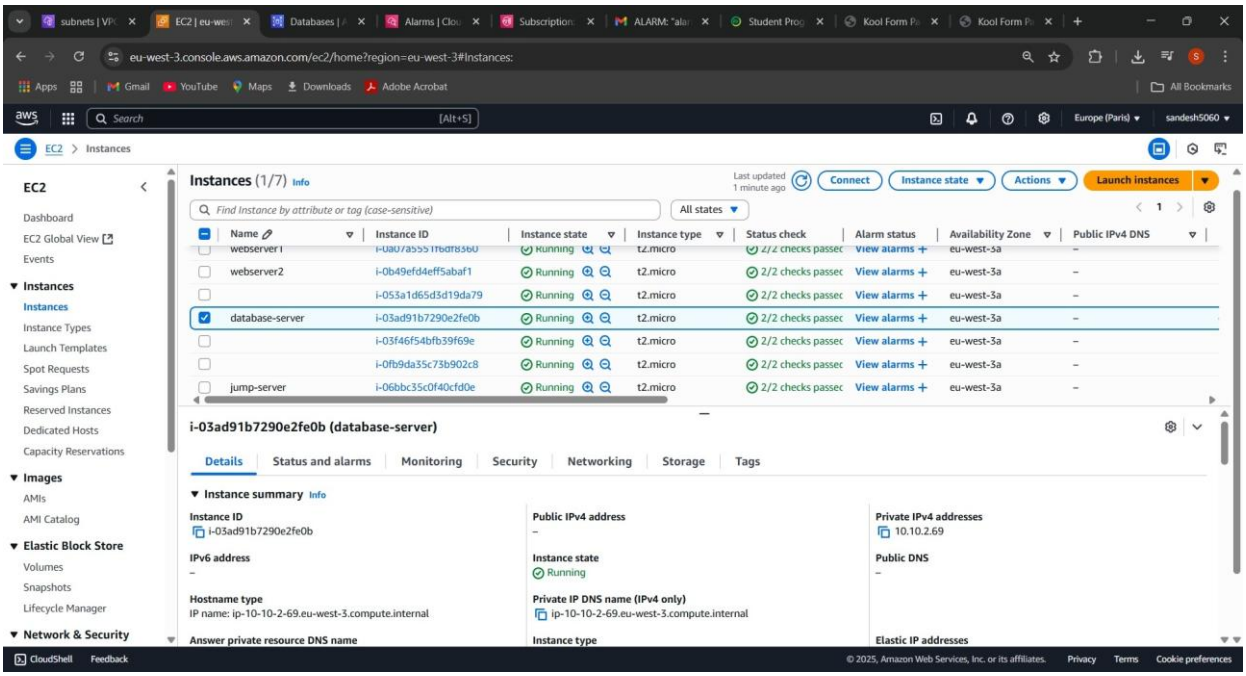
Website hosting on AWS by creating a custom VPC with Auto Scaling, Application Load Balancer, and monitoring using CloudWatch. Also integrates Simple Notification Service (SNS) for alerts and notifications. And also created Private Database.

Web Server With Load Balancer DNS

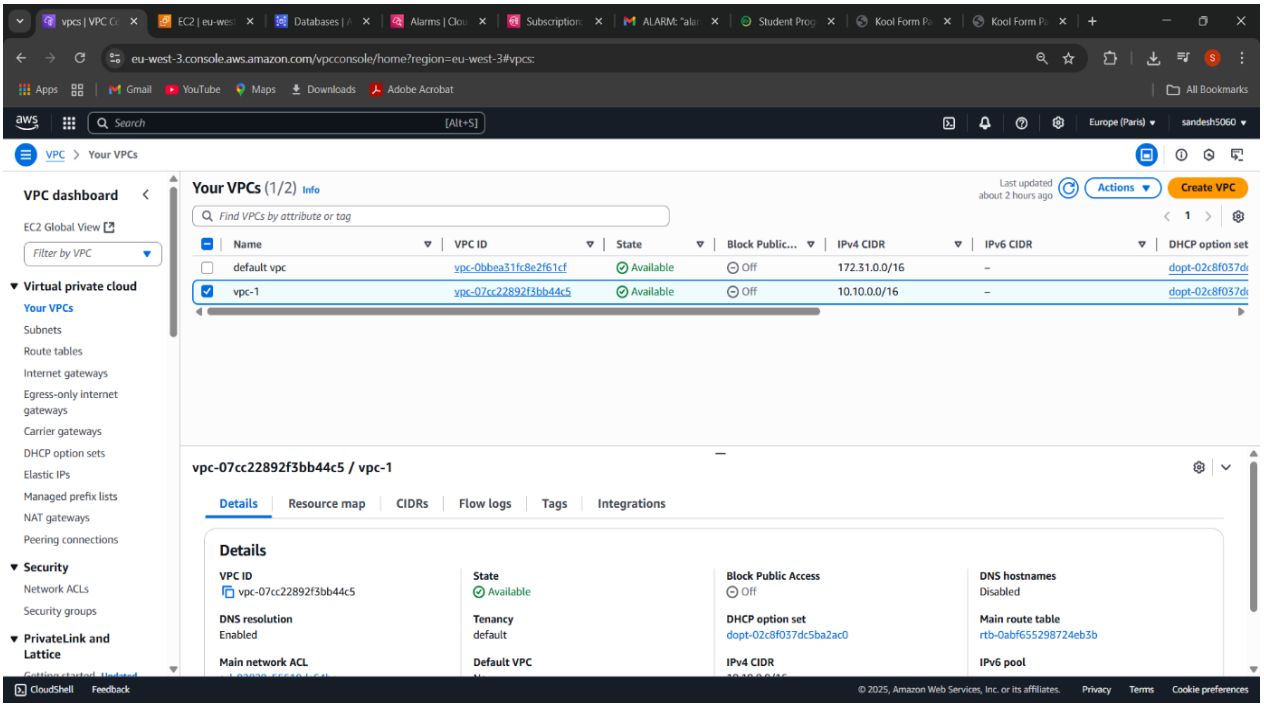




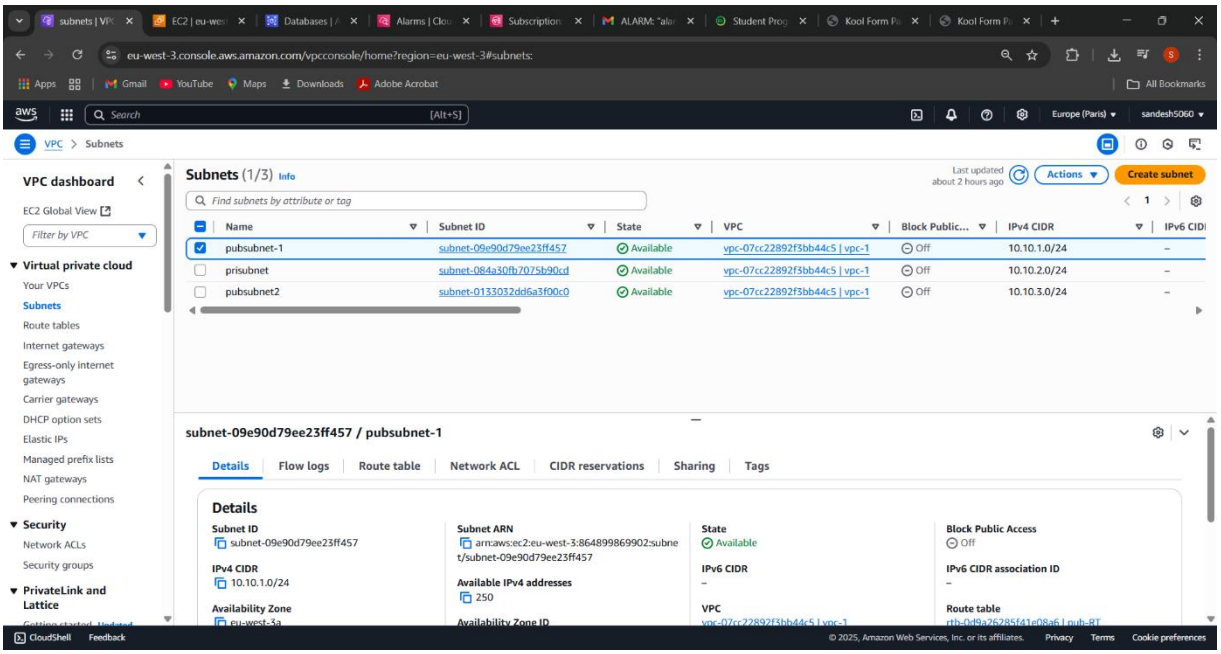
EC2 INSTANCE



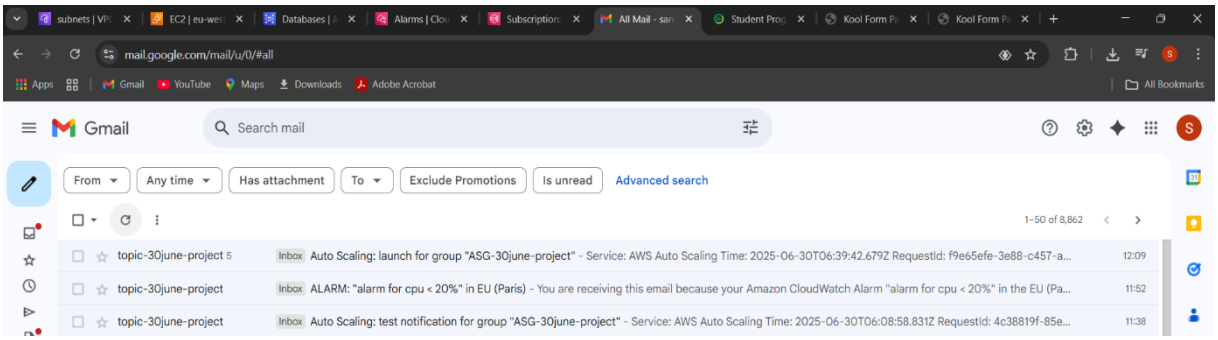
VPC



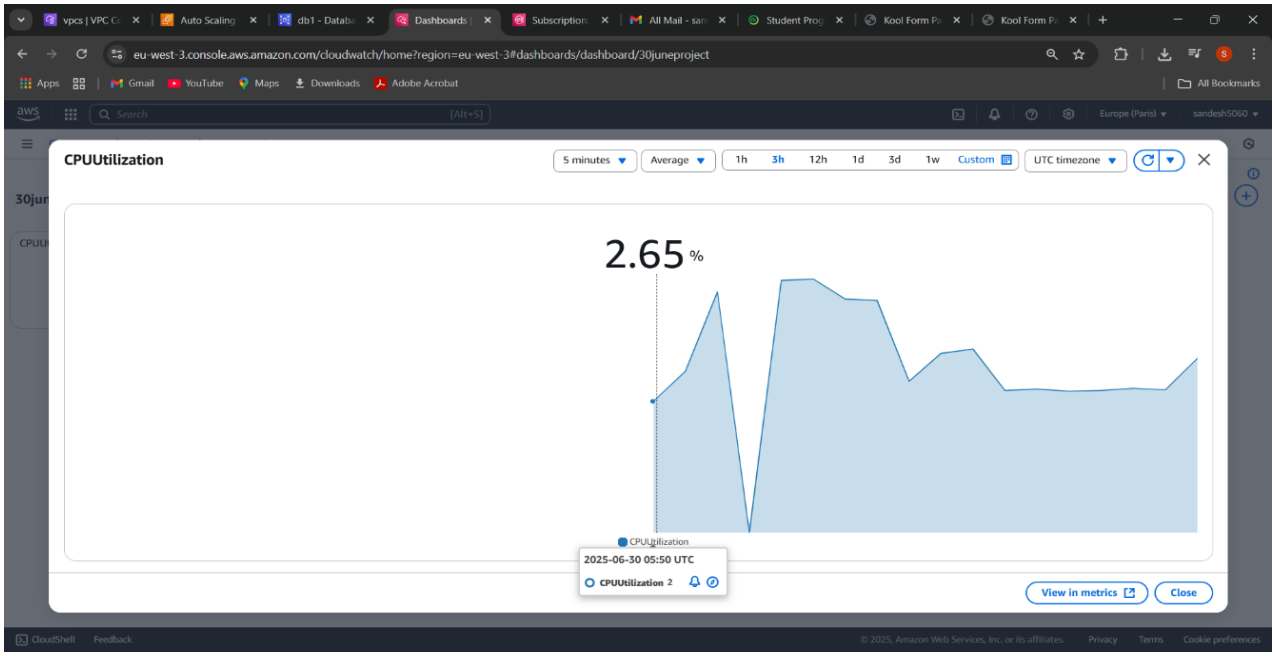
Subnets



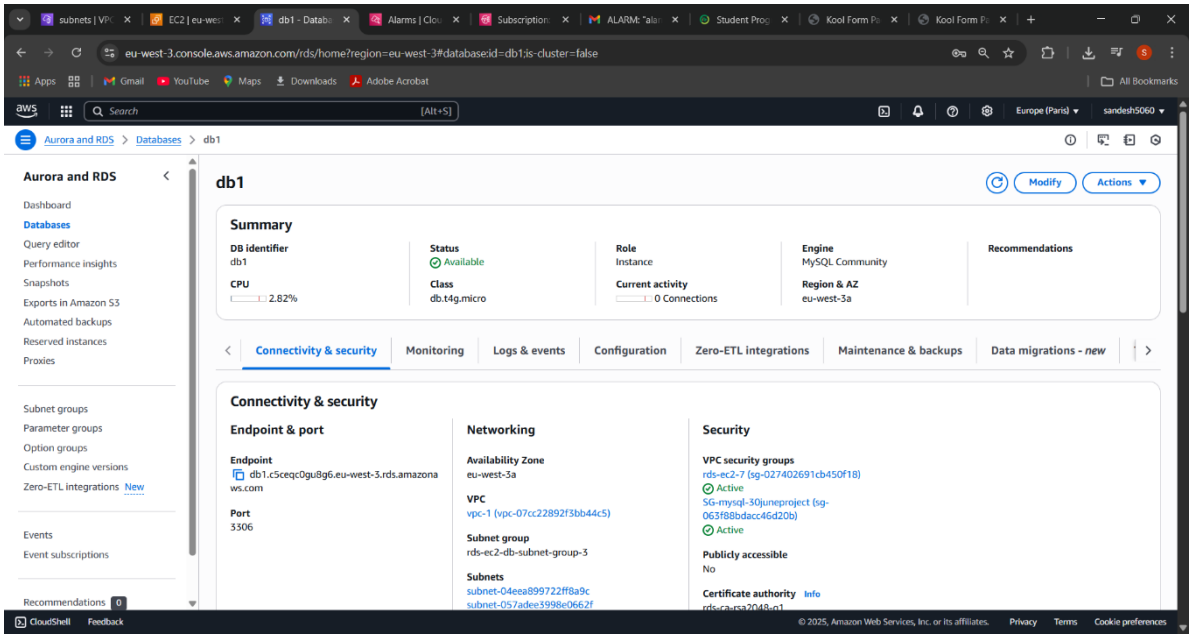
Email & Auto Scaling Notification



CloudWatch Dashboard



Aurora and RDS



Databases

```
MySQL [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| db1                |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)

MySQL [(none)]>
```

Db1

```
MySQL [db1]> SELECT * FROM students;
+------------+-----------------+------+--------+--------+------------+-----------------+
| student_id | name            | age  | gender | course | mobile_no  | admission_date  |
+------------+-----------------+------+--------+--------+------------+-----------------+
|          1 | Amit Sharma     |   20 | Male   | BCA    | 9876543210 | 2023-07-01      |
|          2 | Neha Singh      |   19 | Female | BSc    | 9123456789 | 2023-06-20      |
|          3 | Raj Mehta       |   21 | Male   | BA     | 9988776655 | 2023-05-15      |
|          4 | Sneha Kulkarni  |   20 | Female | BCom   | 9090909090 | 2023-08-10      |
|          5 | Rohit Desai     |   22 | Male   | BBA    | 9012345678 | 2023-09-05      |
+------------+-----------------+------+--------+--------+------------+-----------------+
5 rows in set (0.00 sec)

MySQL [db1]>
```

THANK YOU