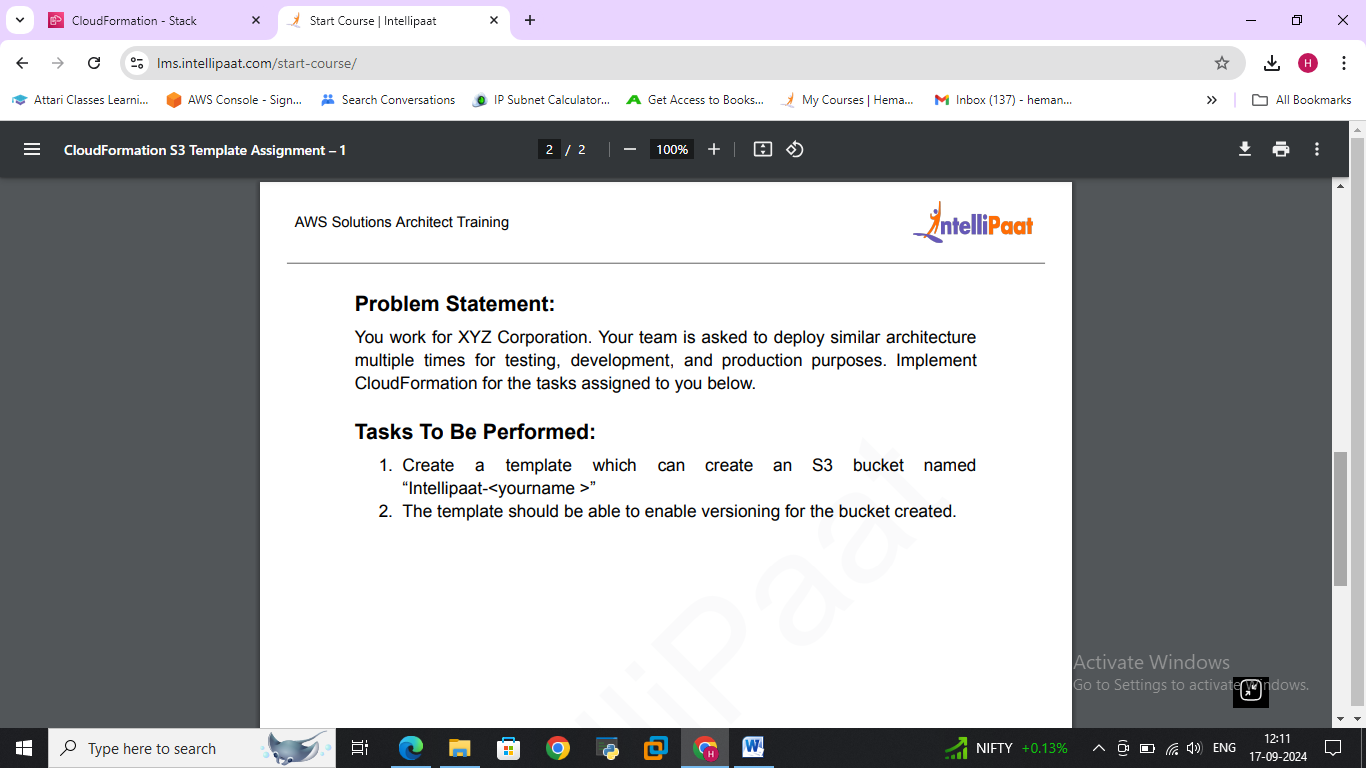
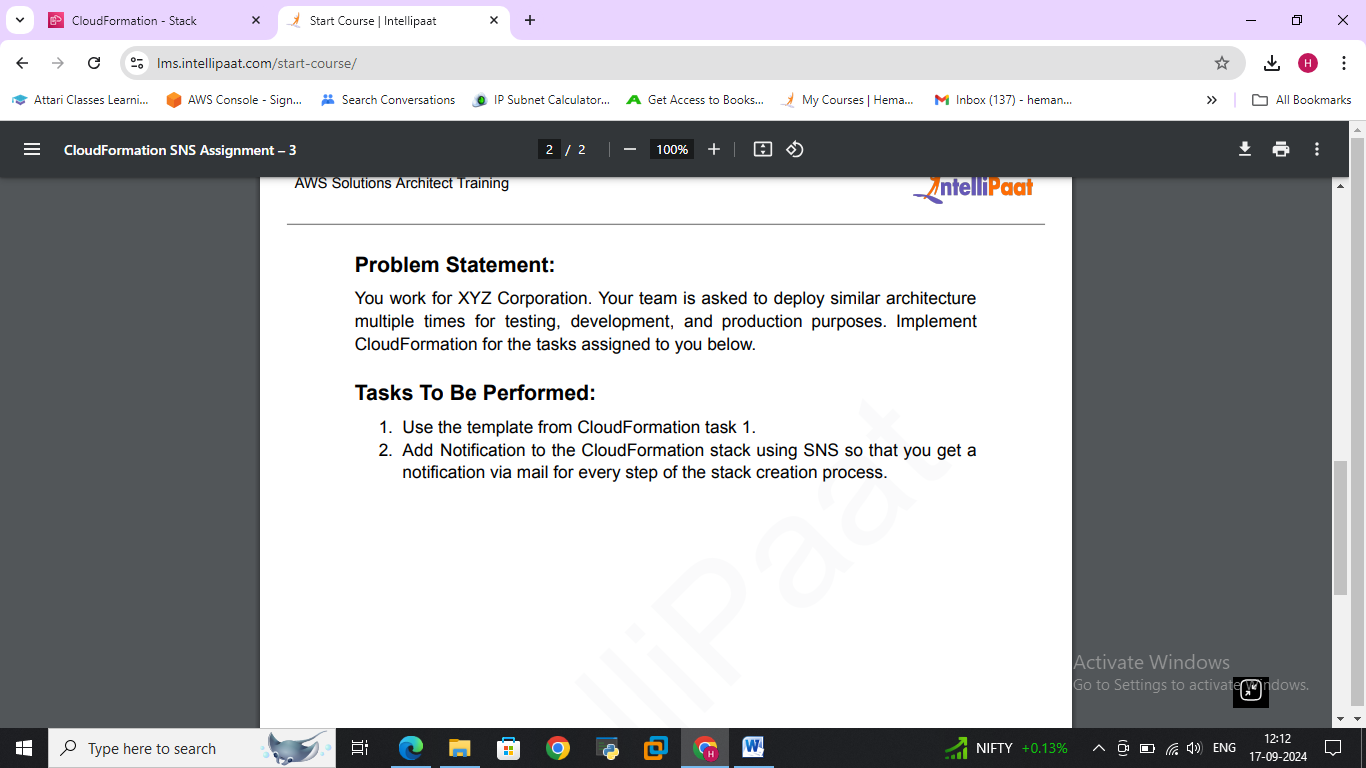
**Module 8 - CloudFormation and App Services**

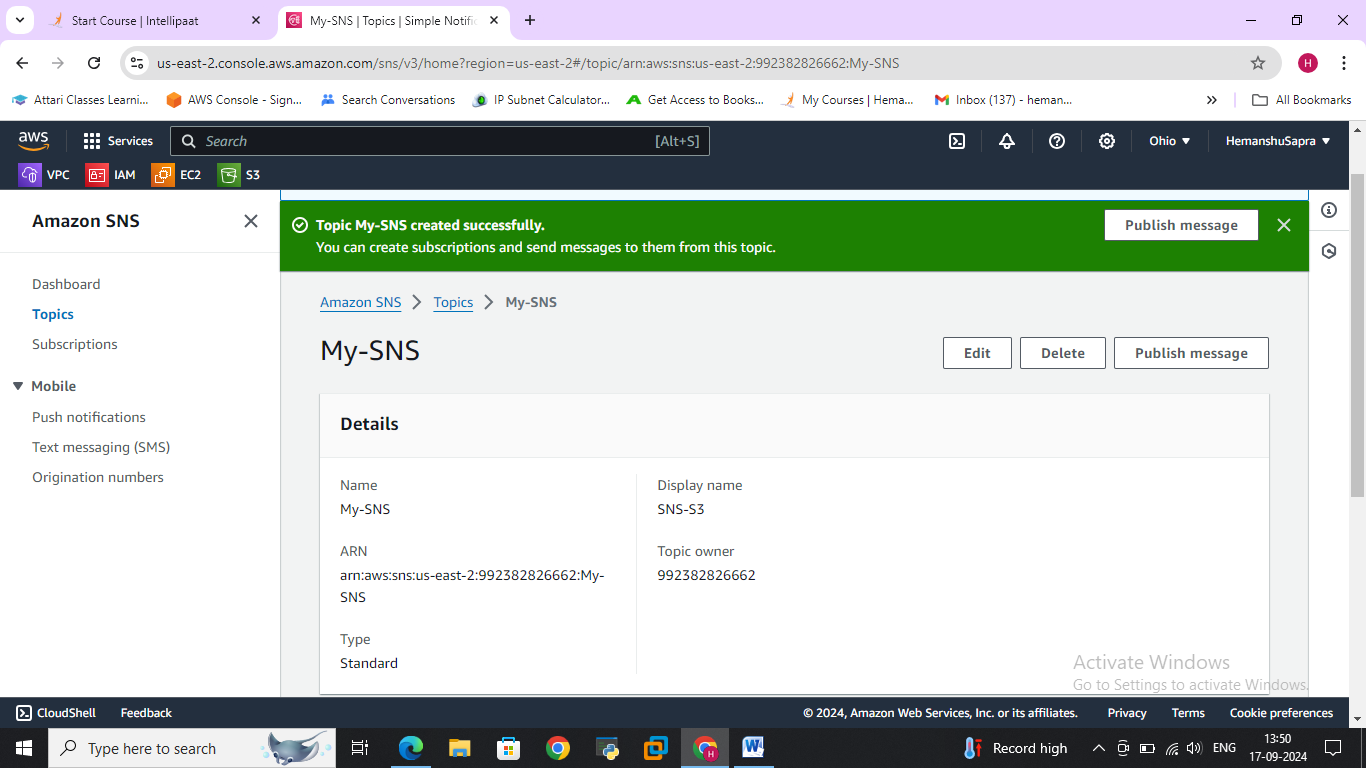
**CloudFormation-SNS-Assignment**

**Task 1**

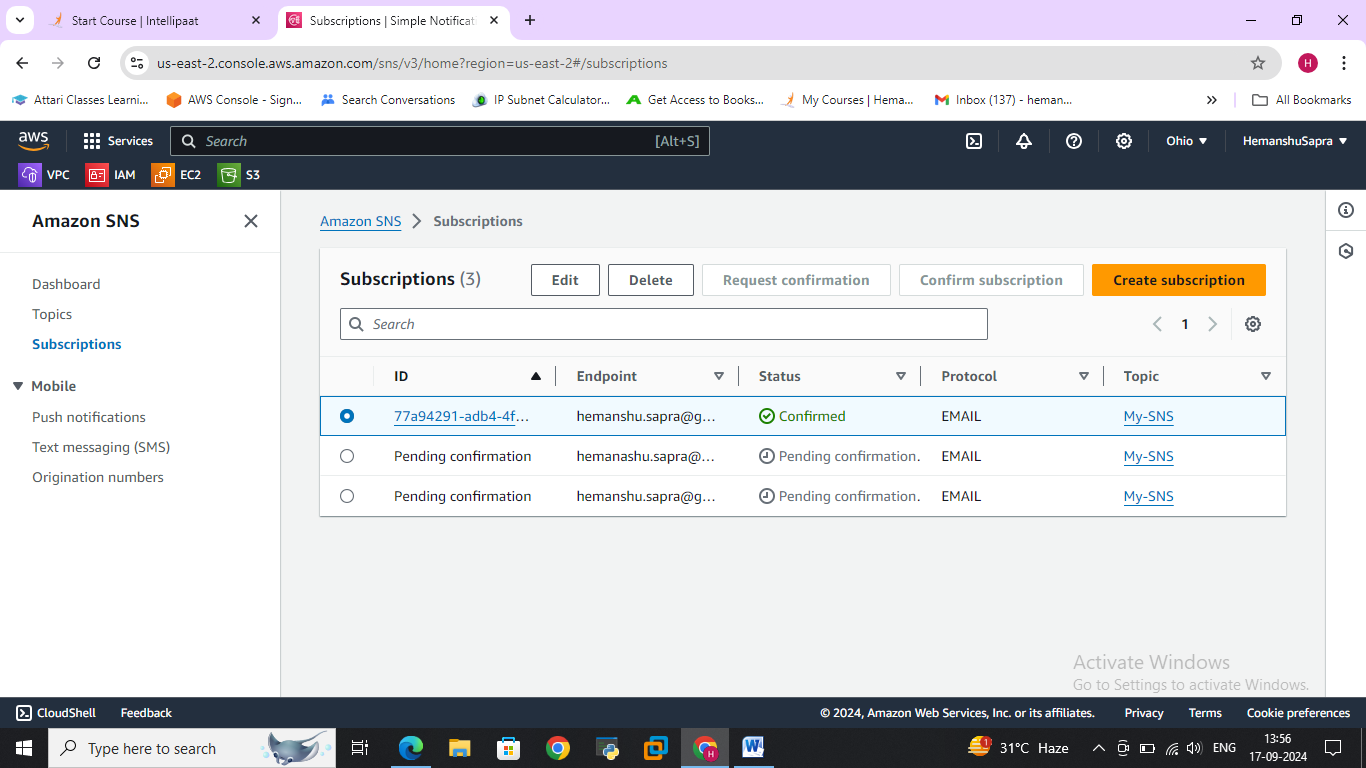




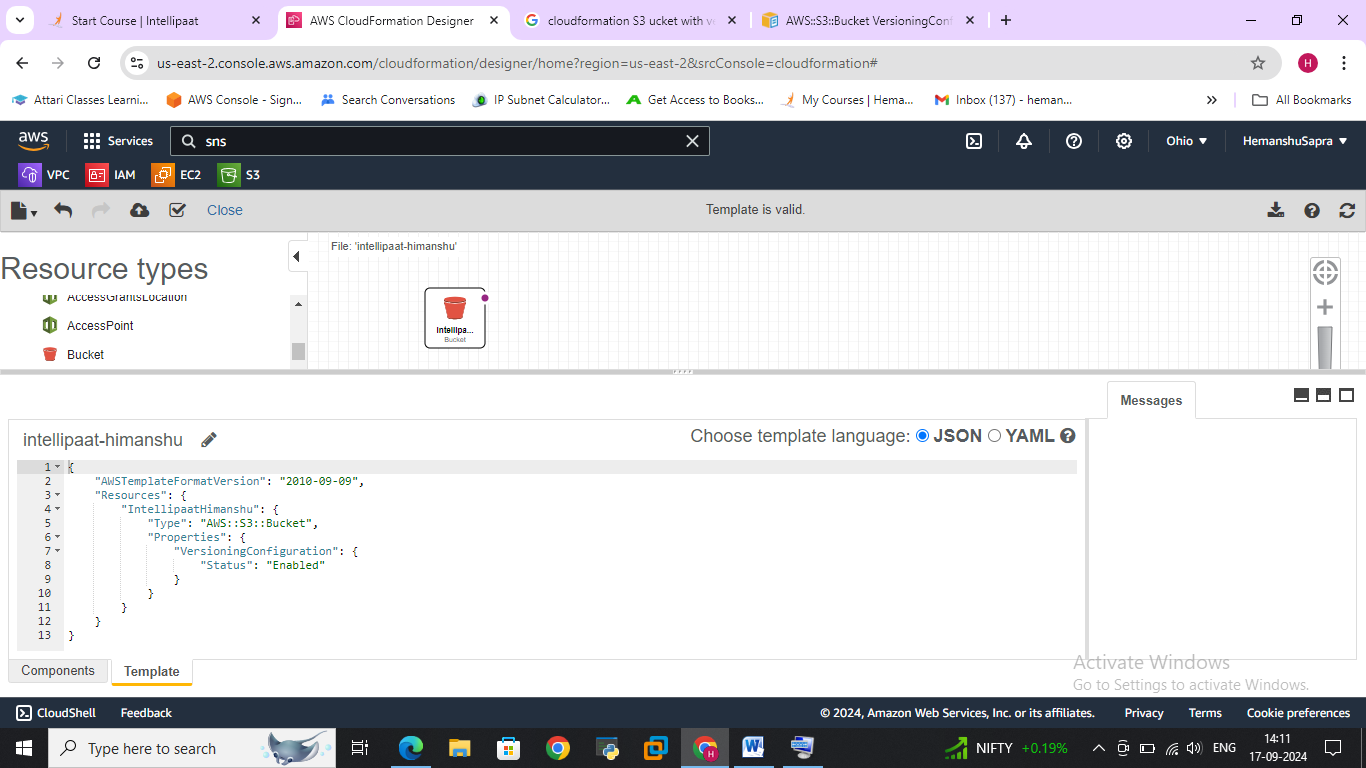
**>>Created SNS topic for S3 Templet**



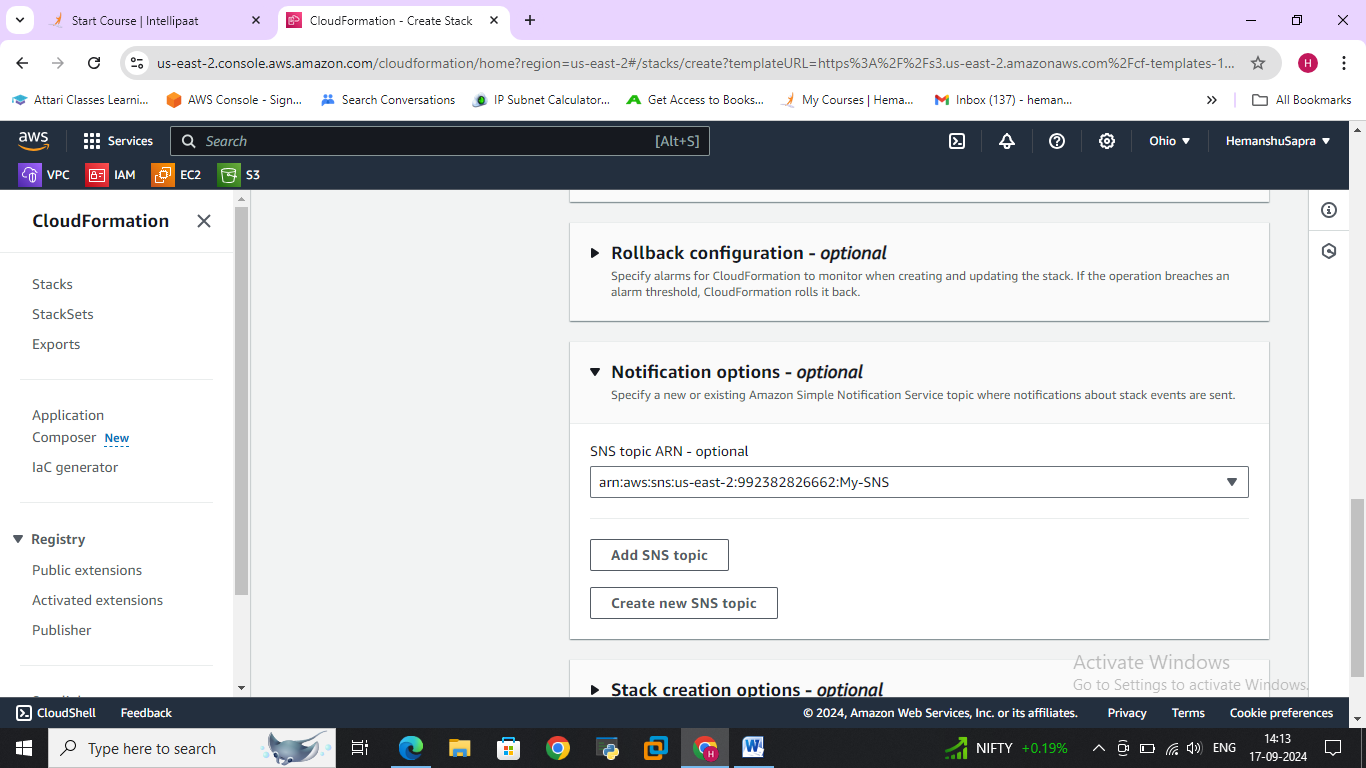
**>>Created Suscription and confirmed via E-Mail**



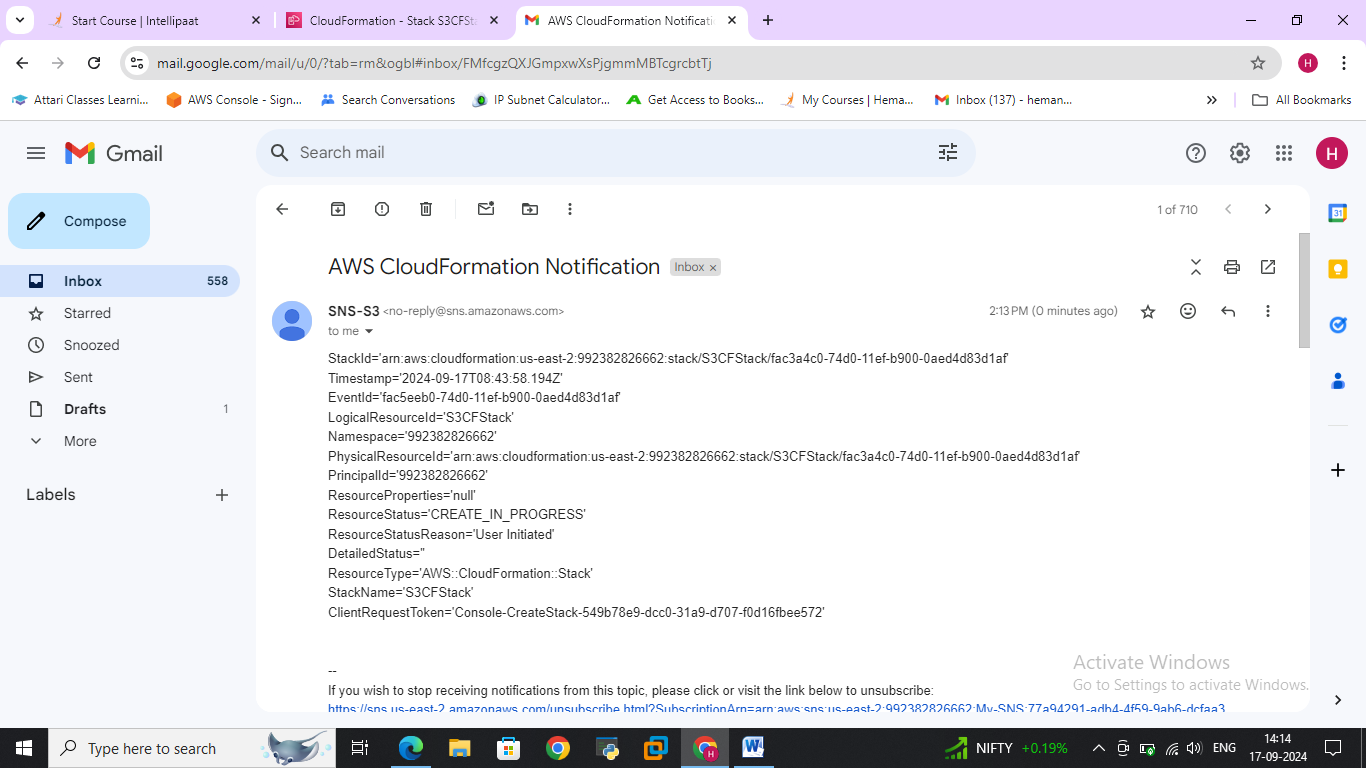
**>>Created CF Templet and validated**



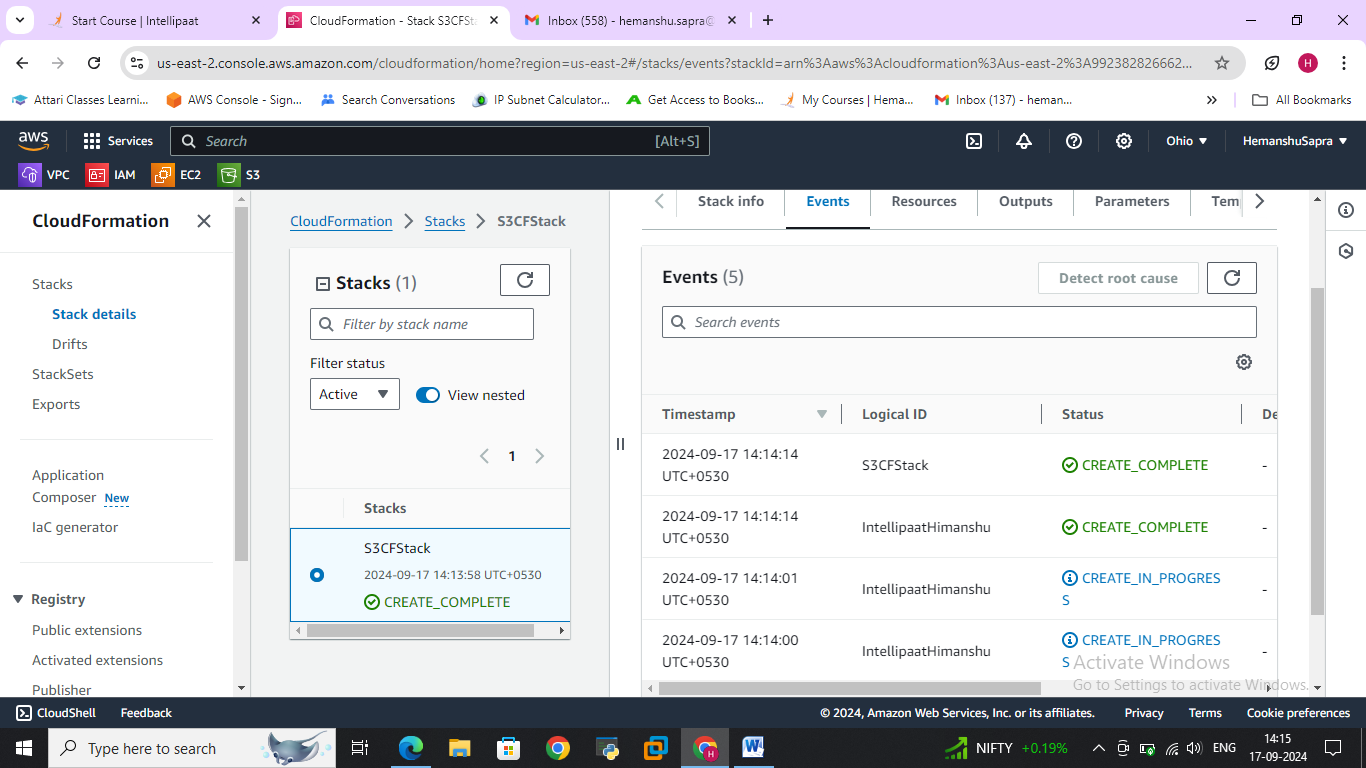
**>>Added SNS Topic while creating Stack from CF**

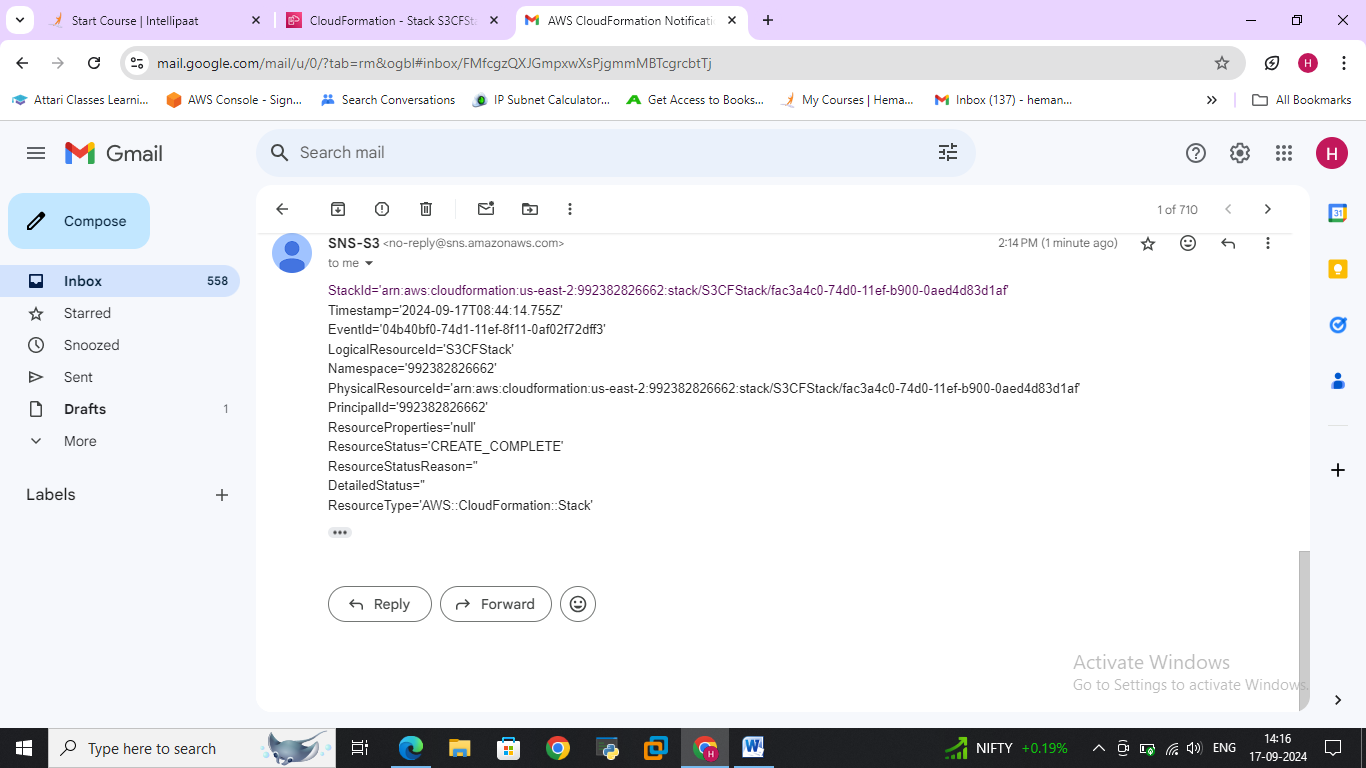


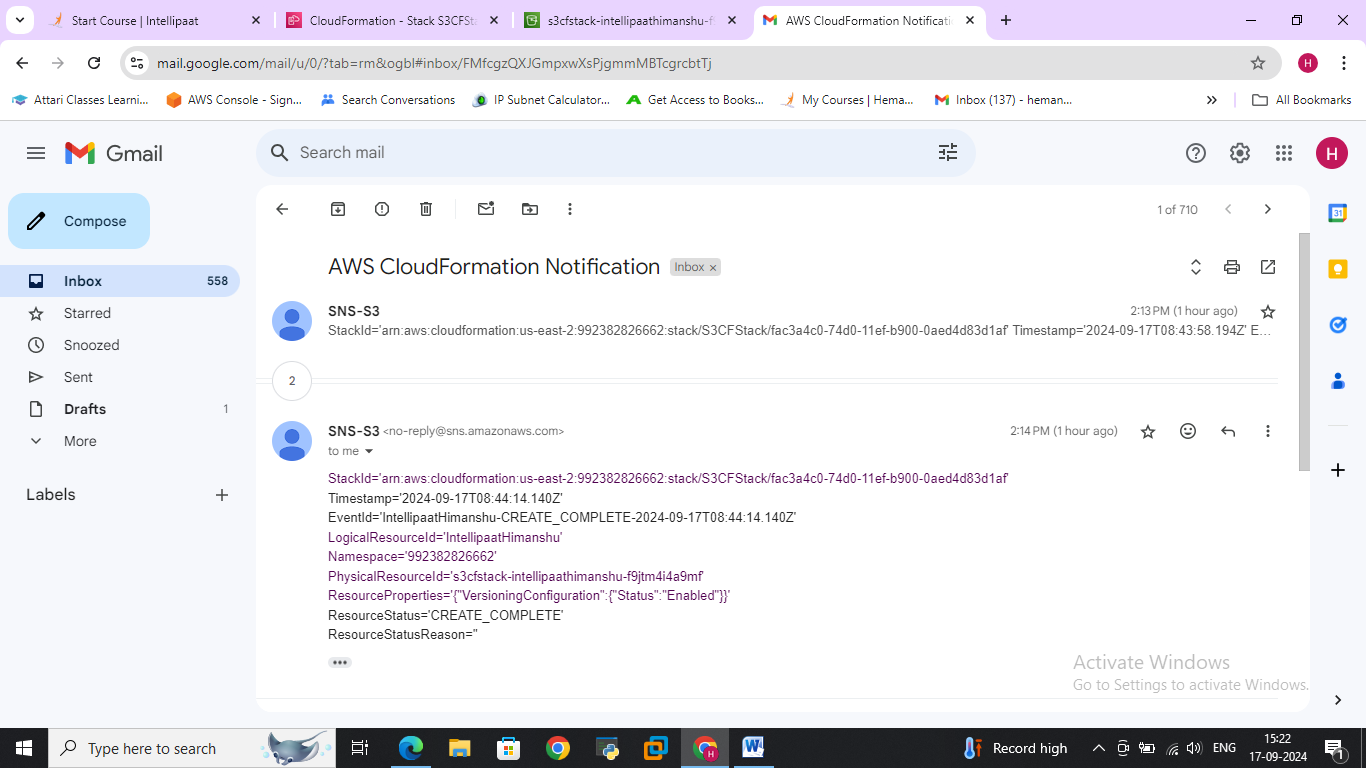
**>>Mail Received for CF stack in progress**



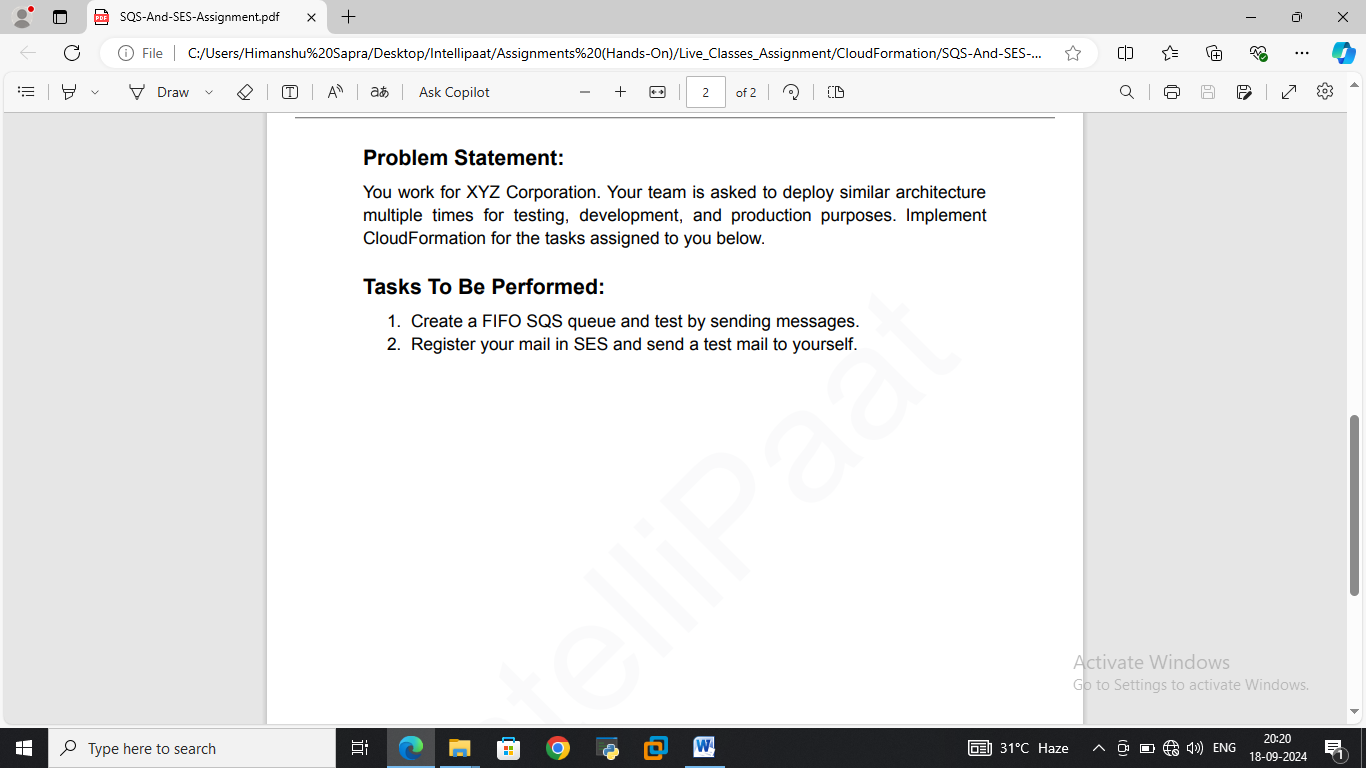
**>>Stack successfully created**



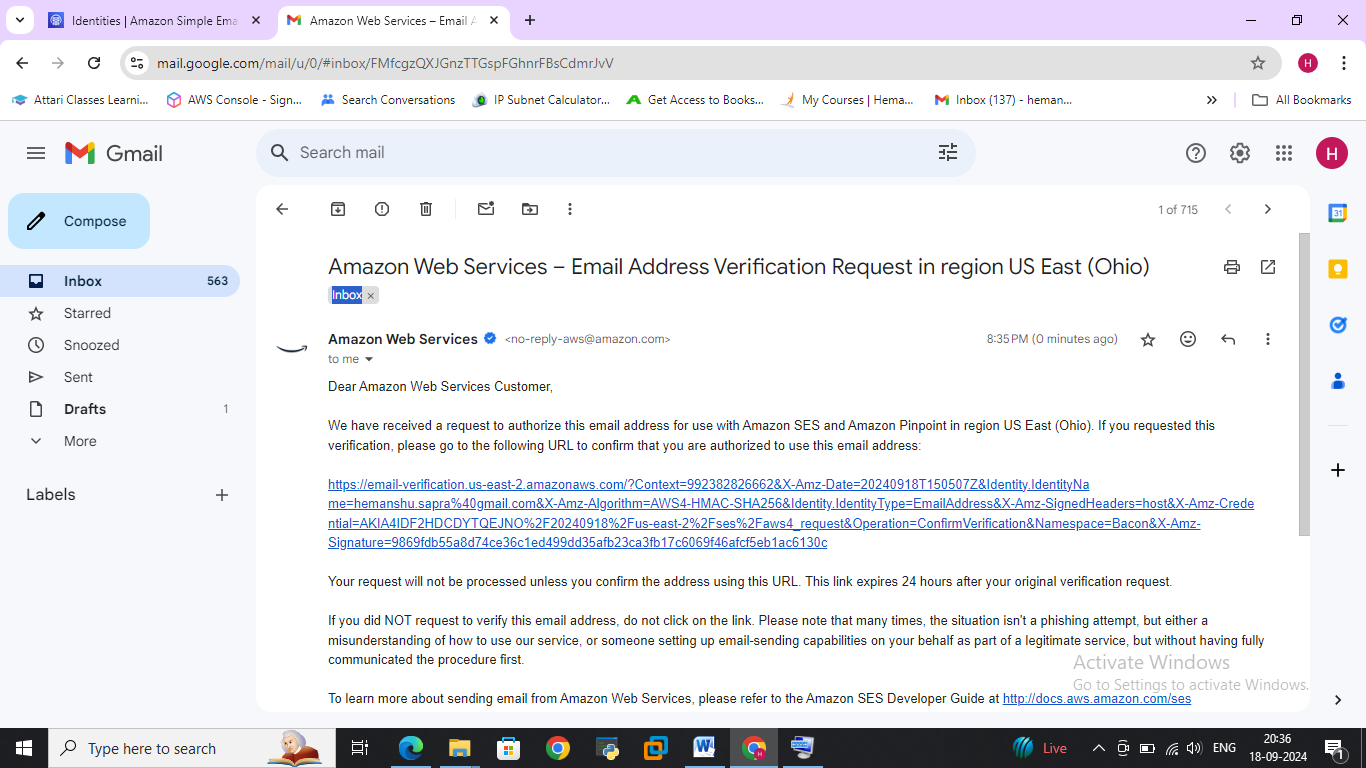


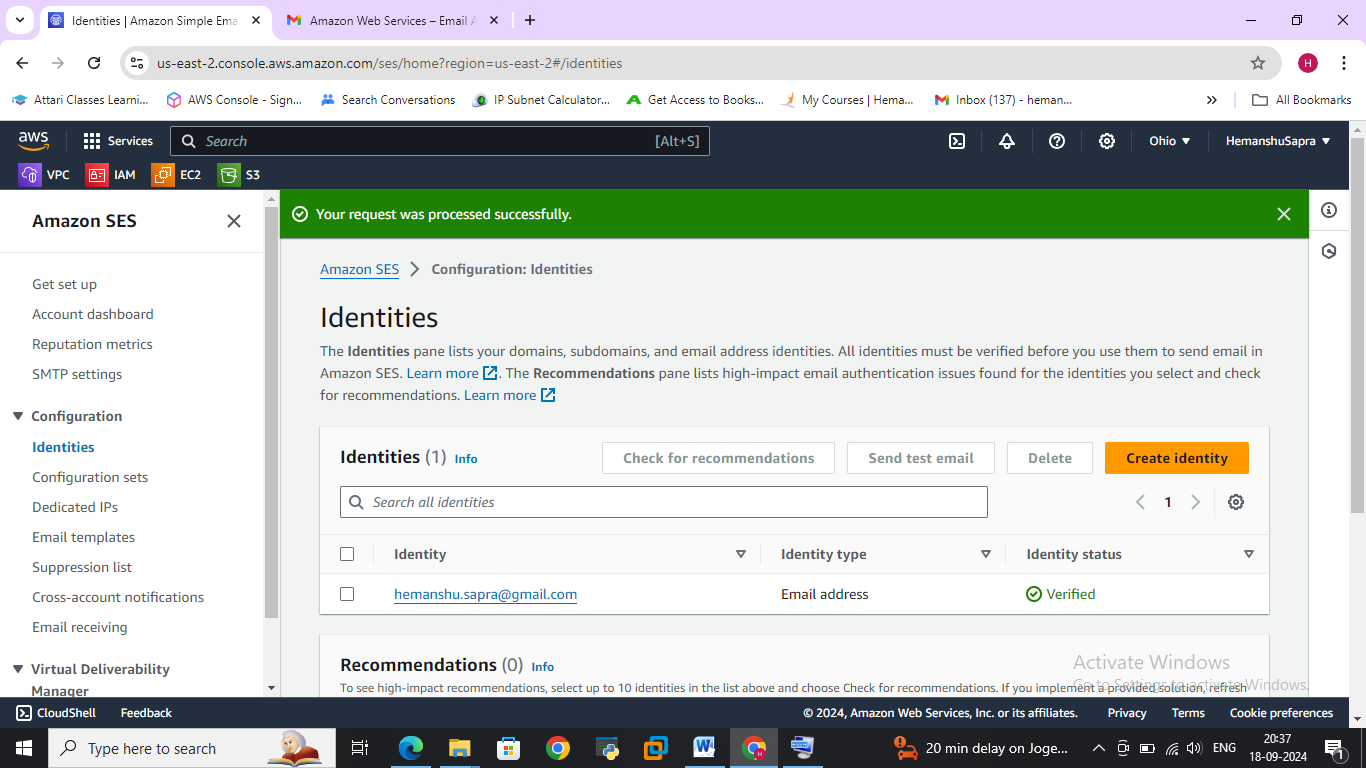


**SQS-And-SES-Assignment**

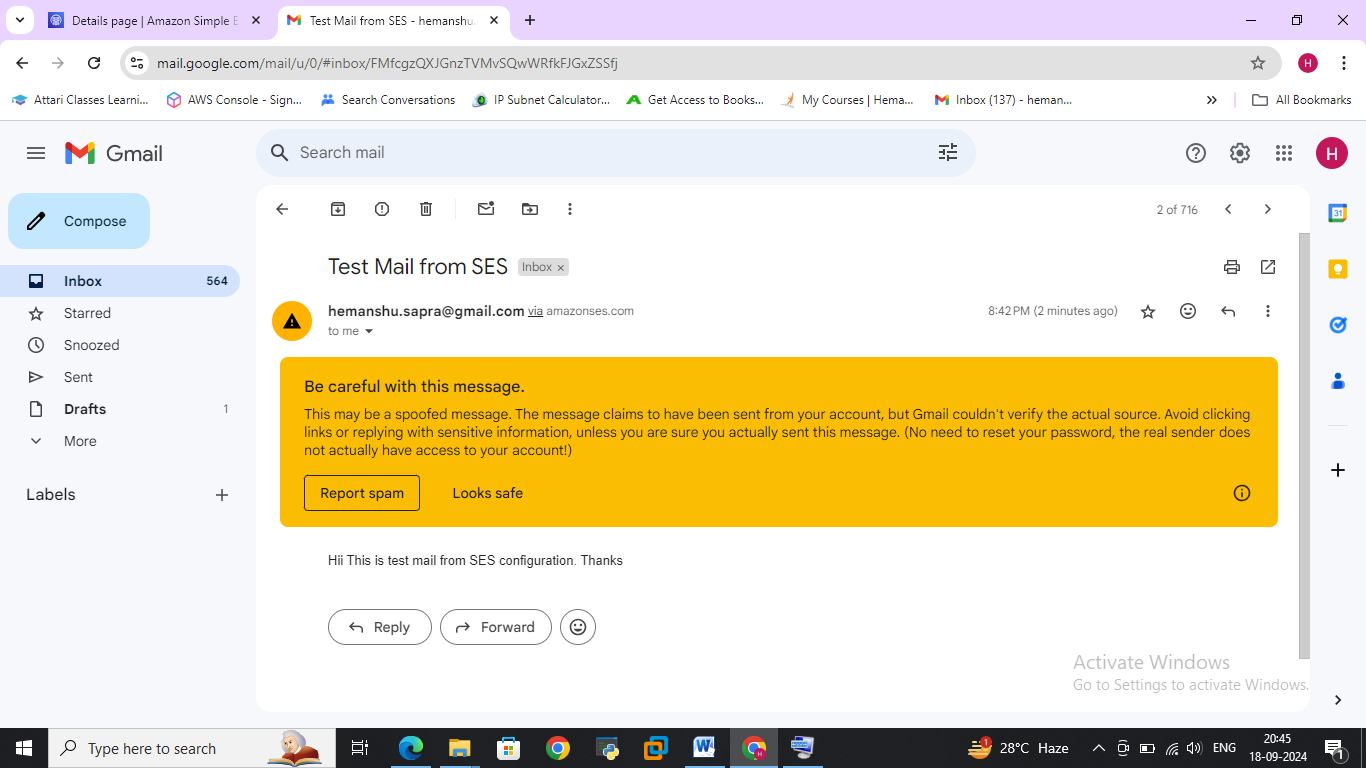


**>>Identity created and verified**



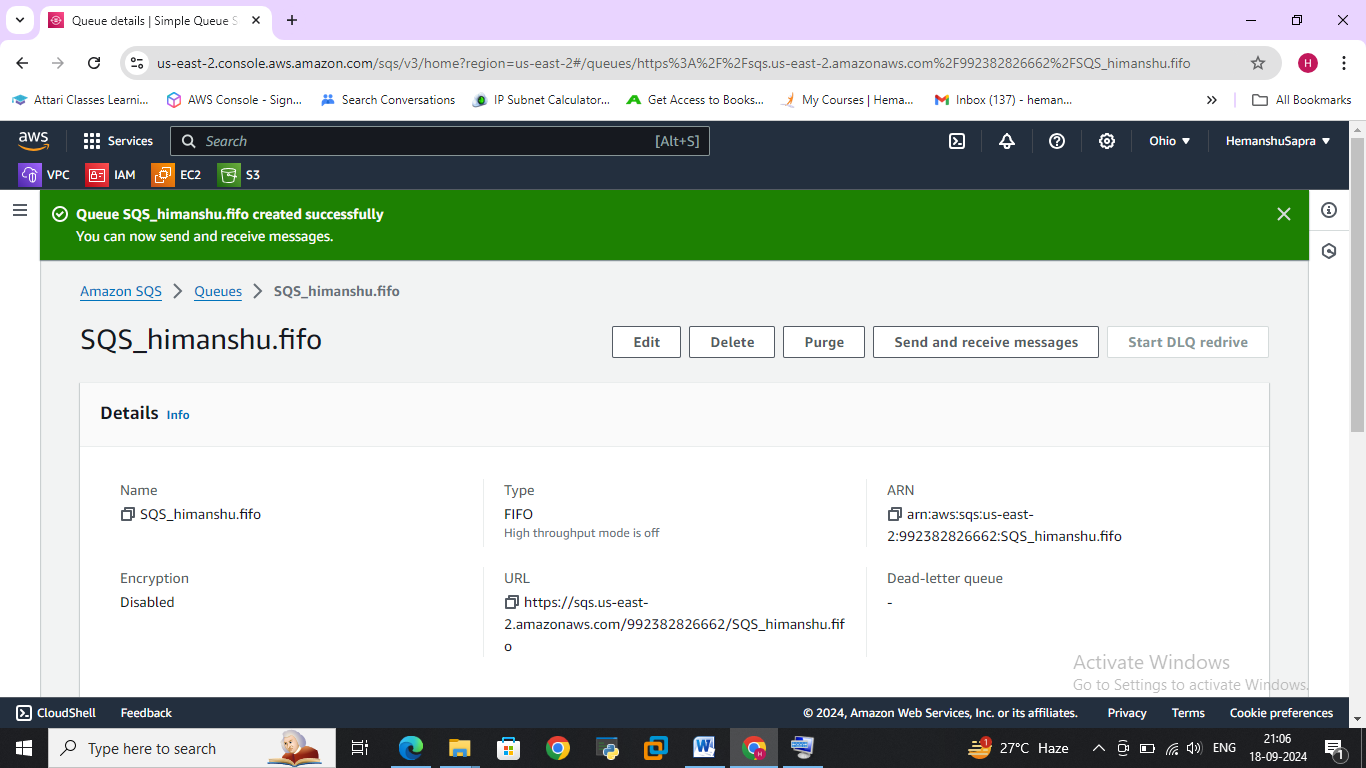


**>>received test mail from SES configuration**

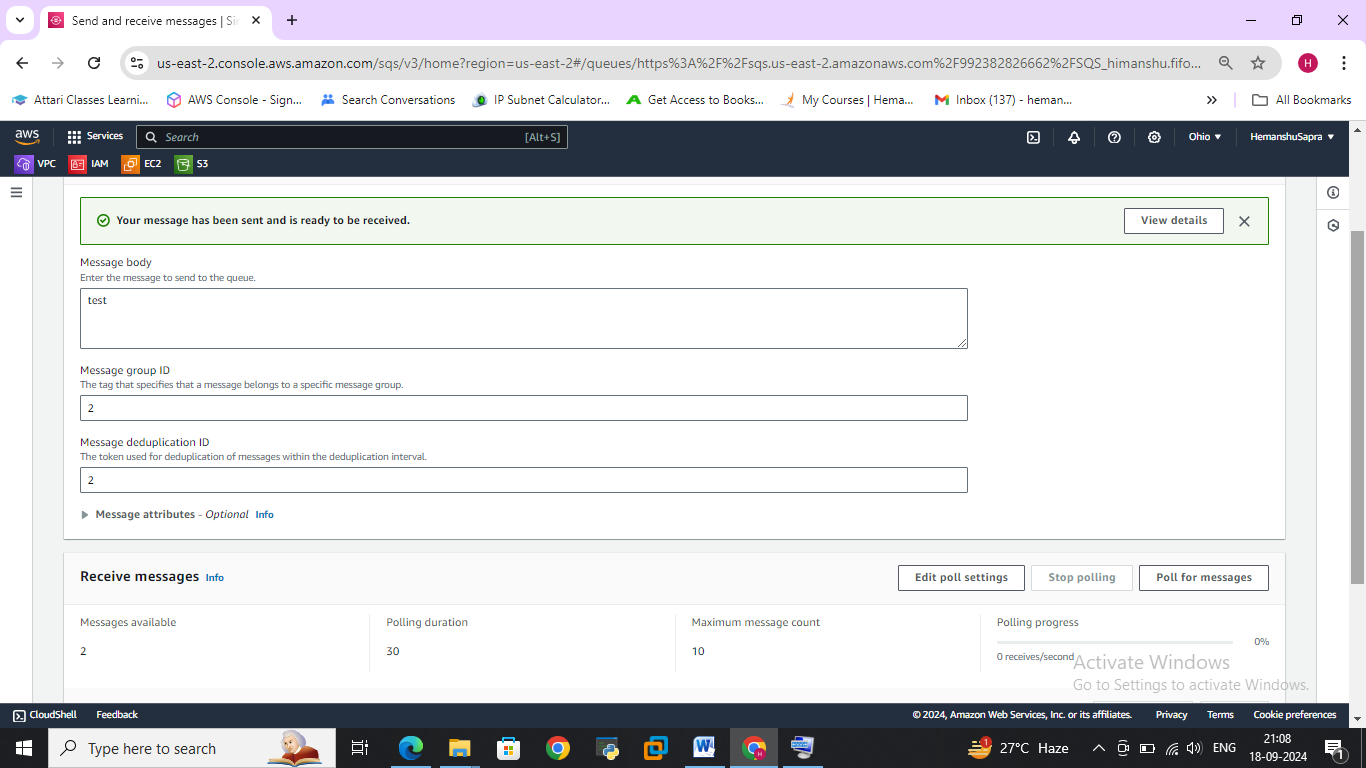


**Task**

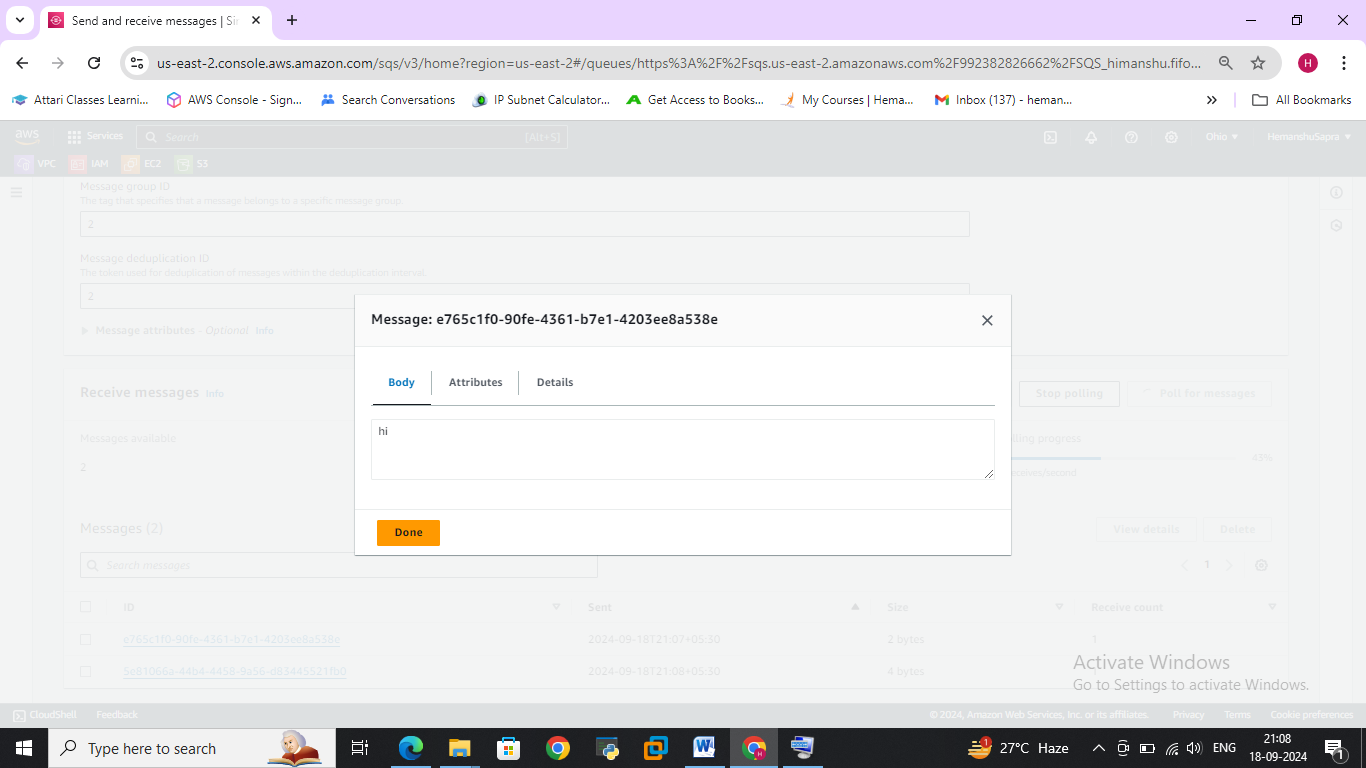
**>>Created FIFO SQS Queue**



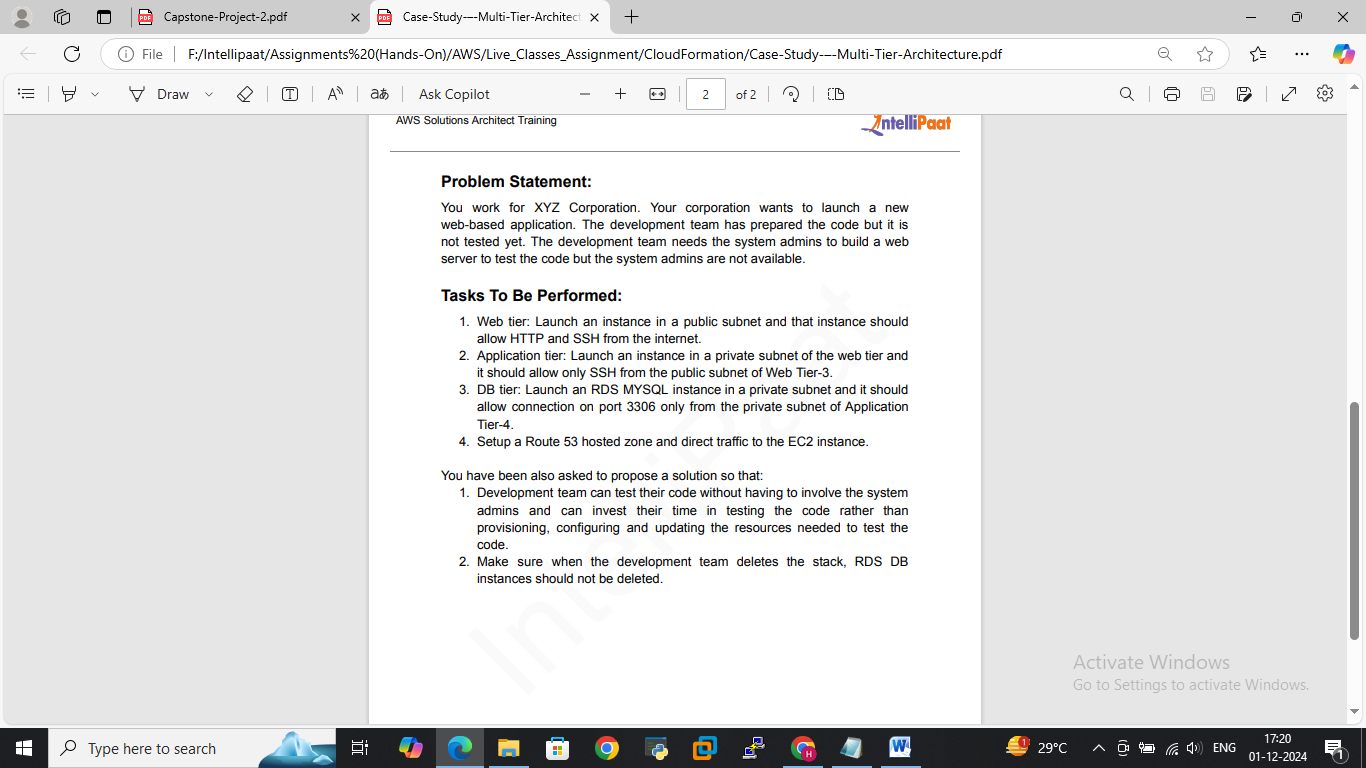
**>>receiving messages**

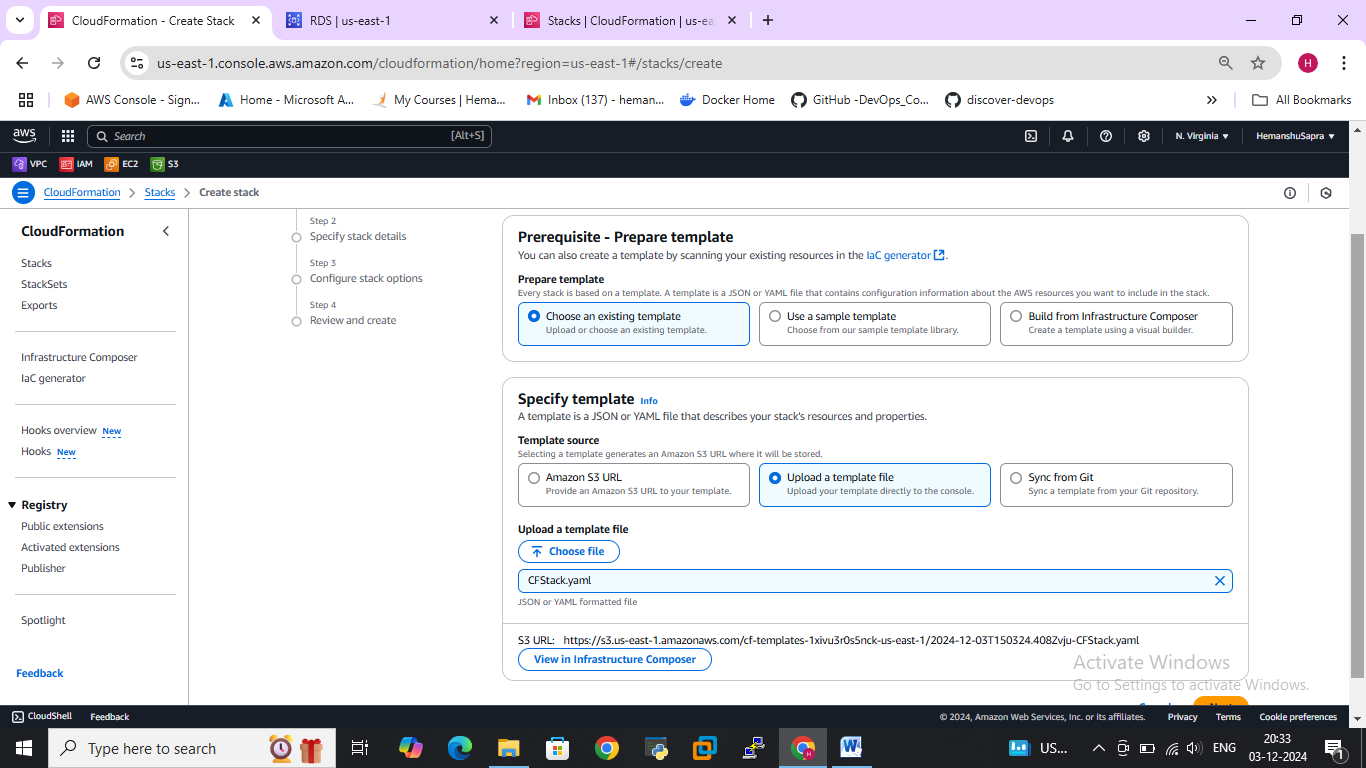


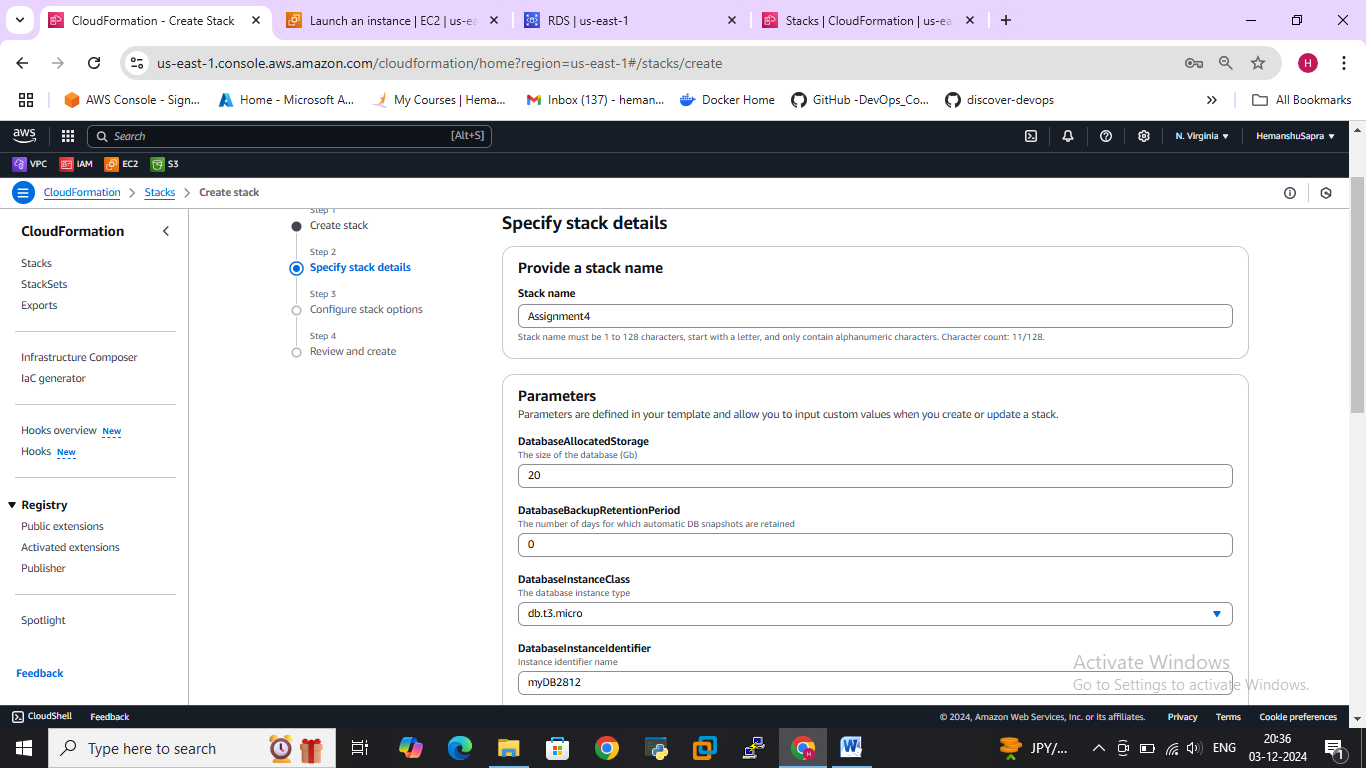
**>>We can read messages after polling**

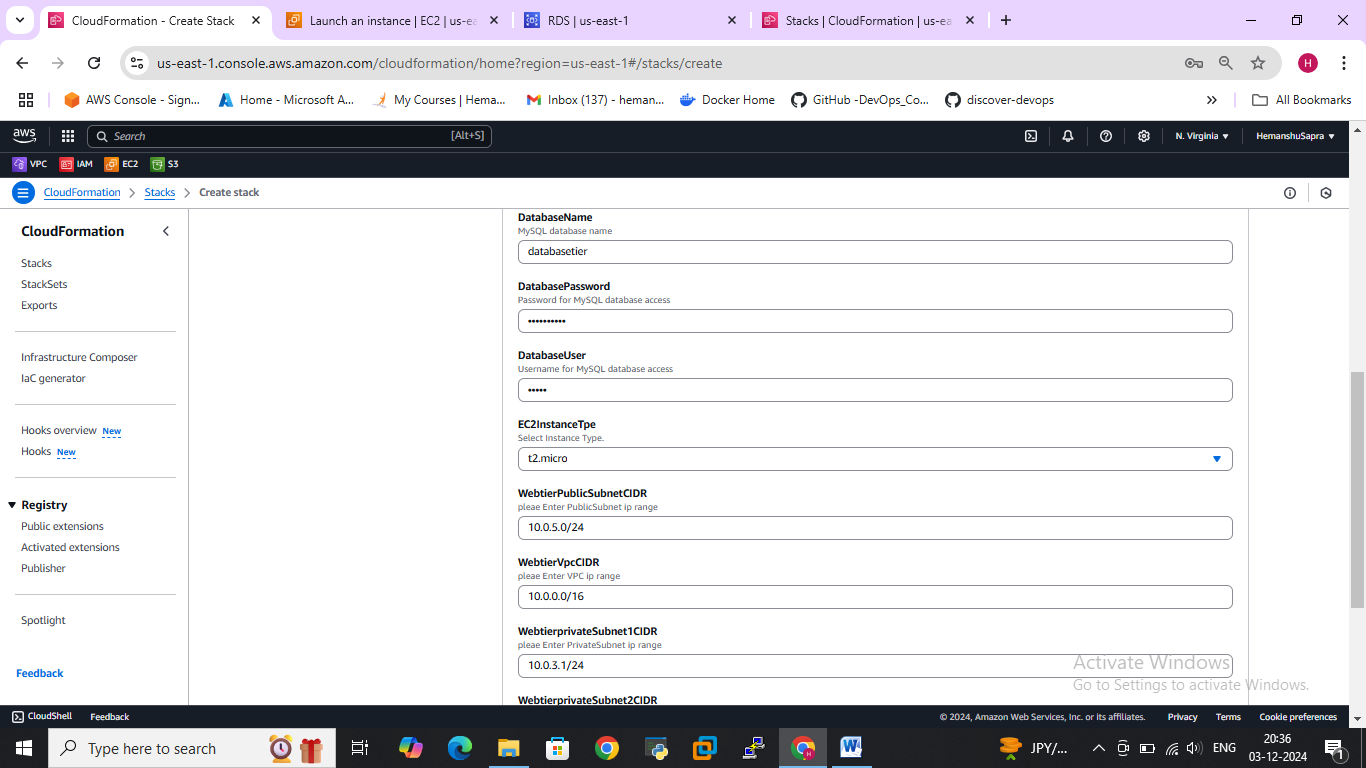


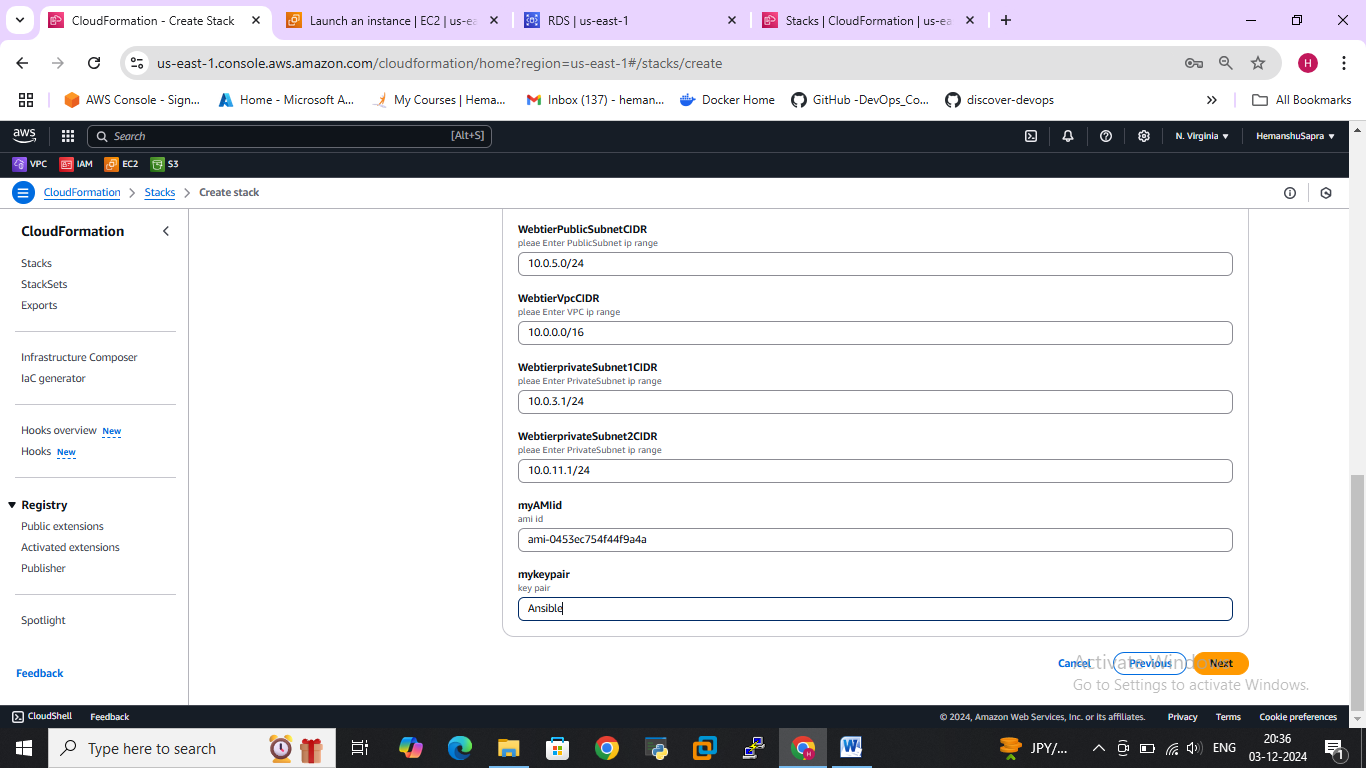
**Case Study-Multi Tier Architecture**

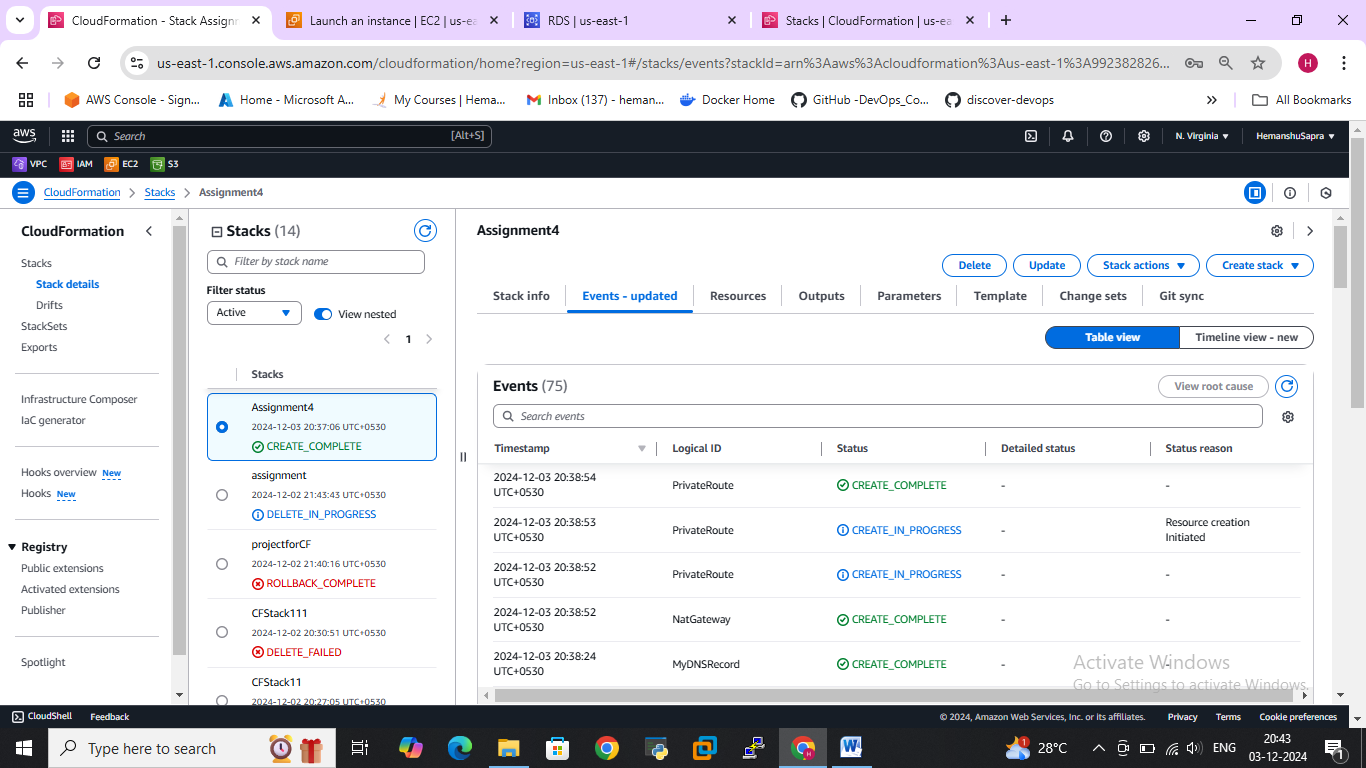


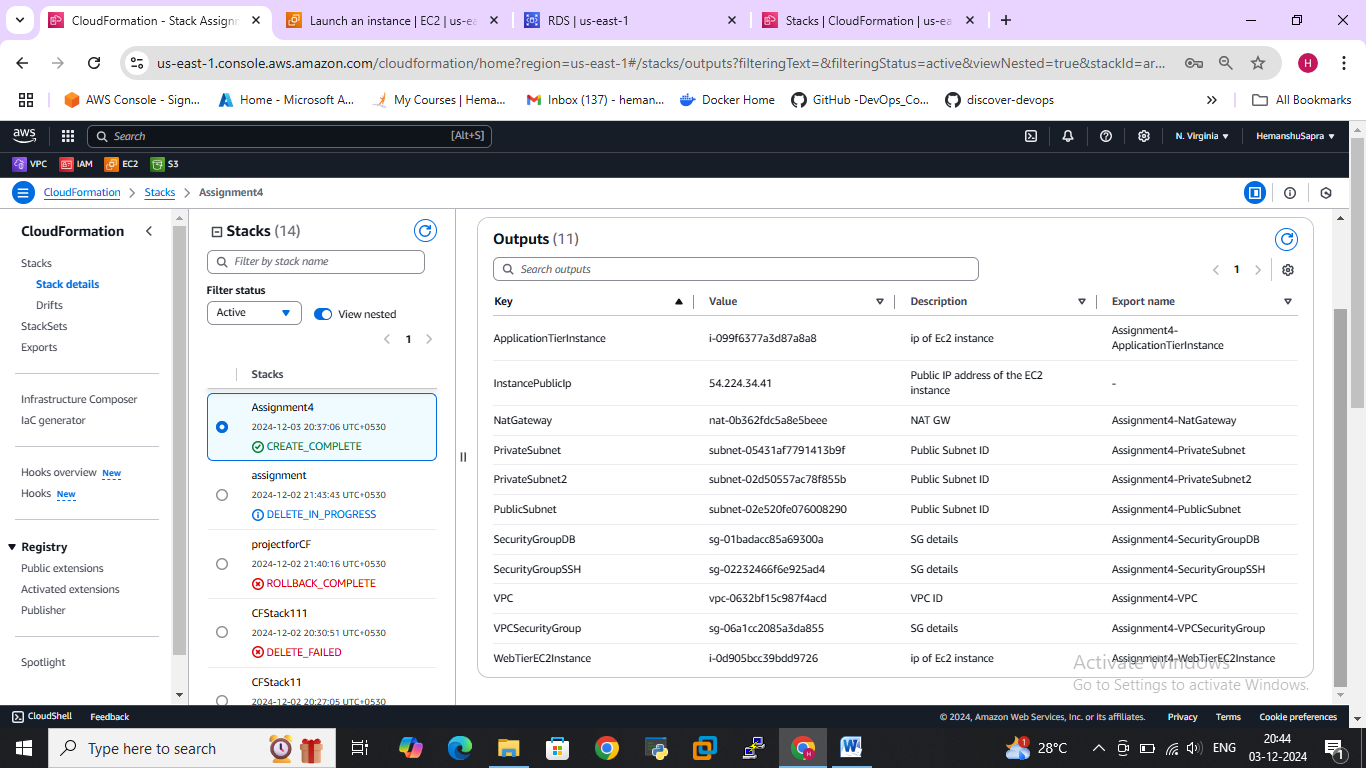






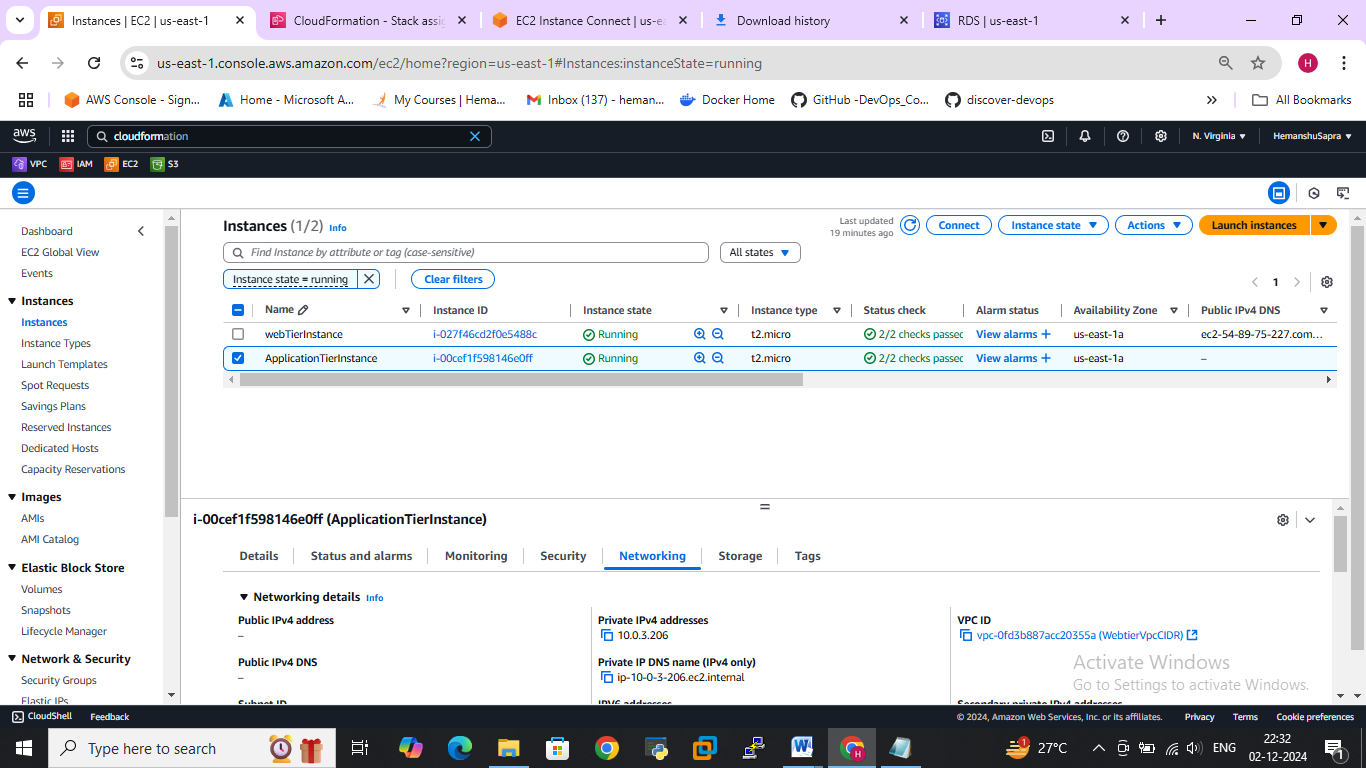


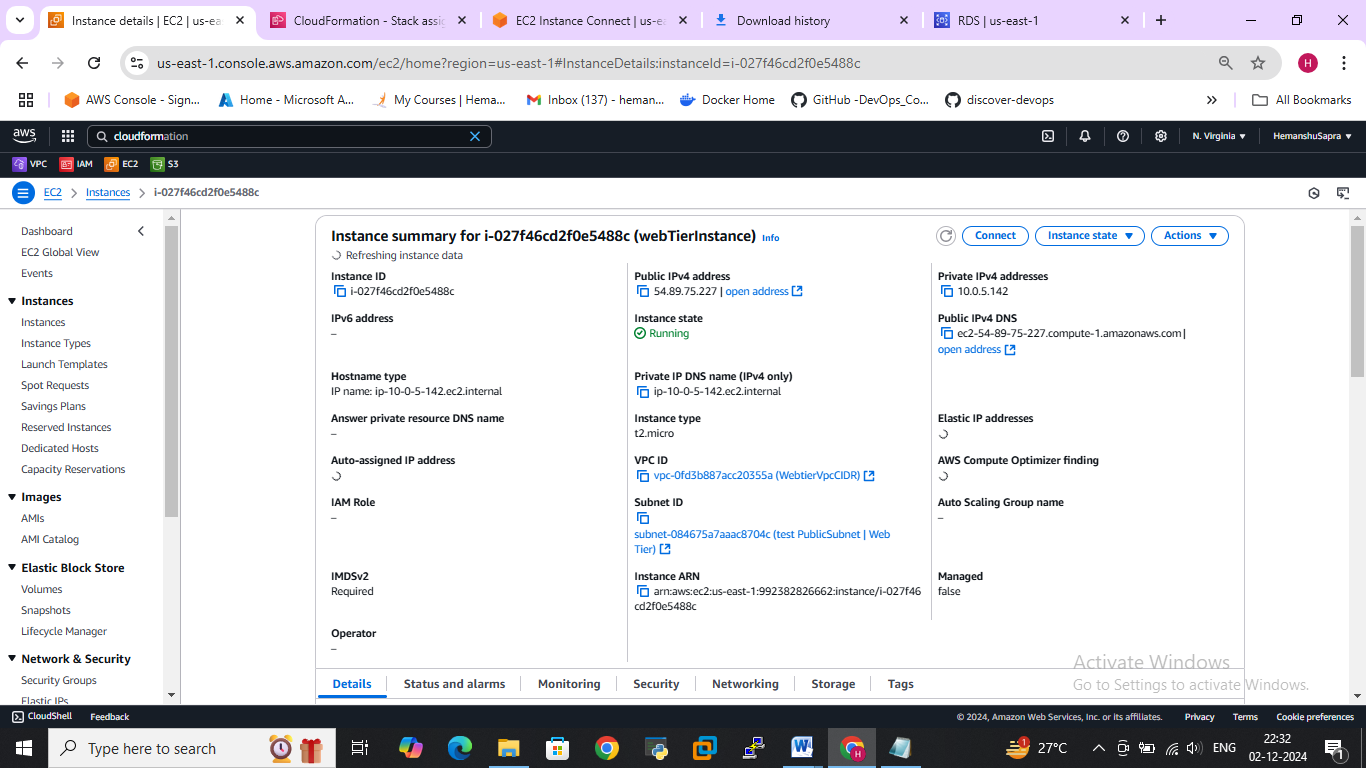


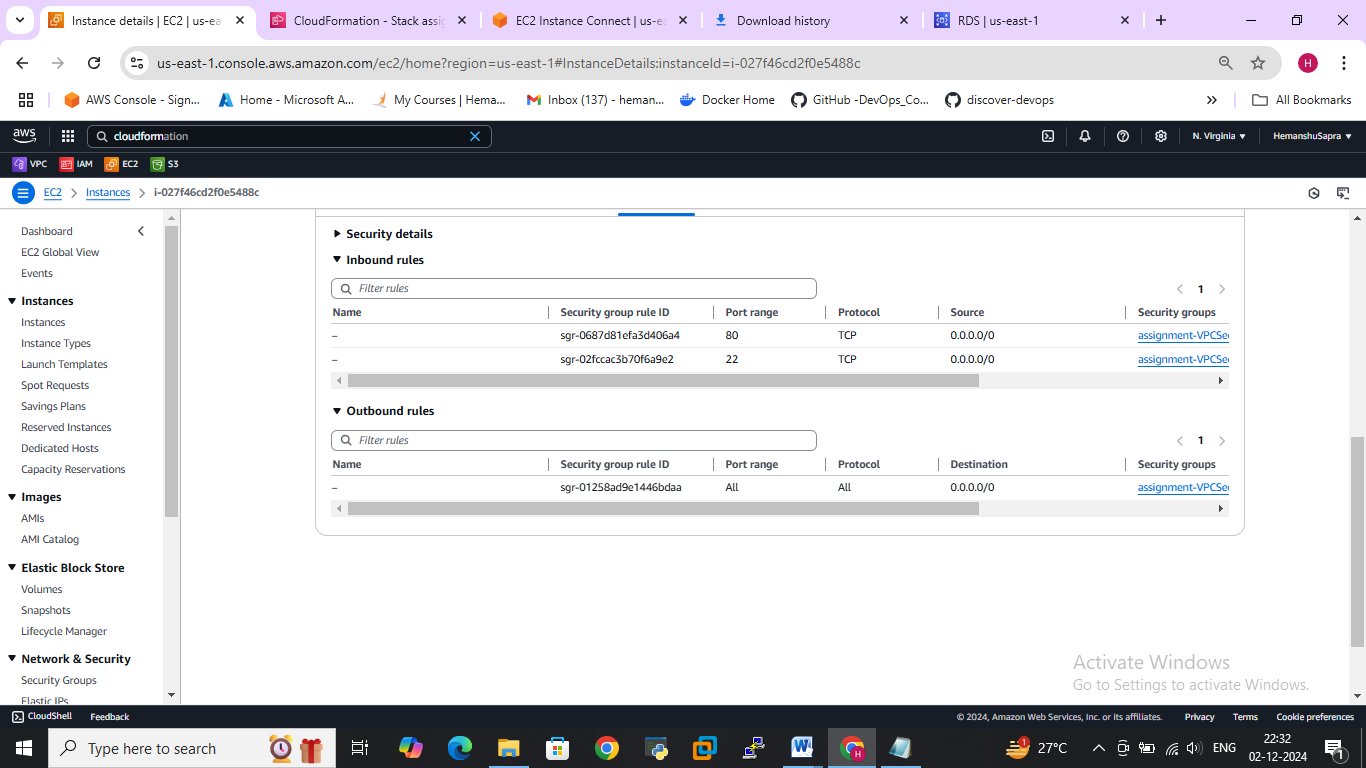


****

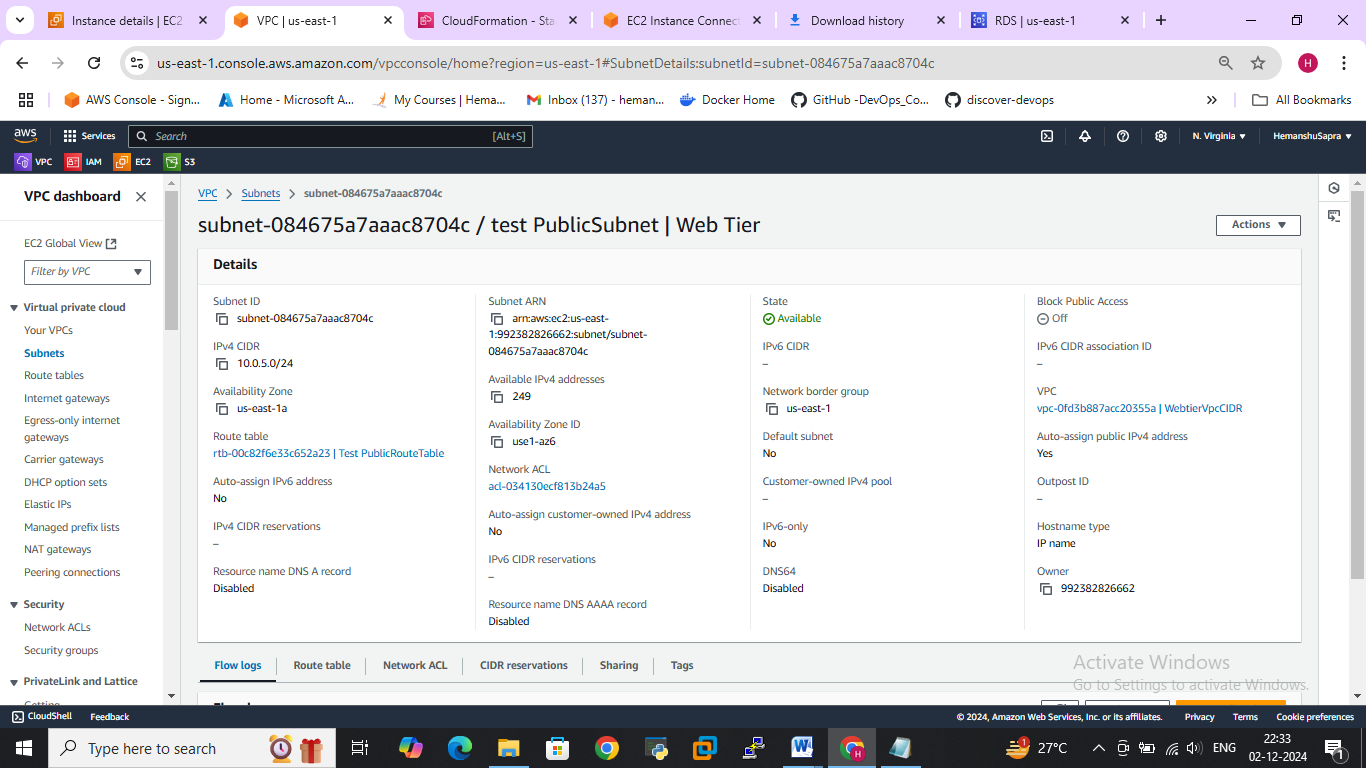
1. >>> Web tier: Launch an instance in a public subnet and that instance should allow HTTP and SSH from the internet.

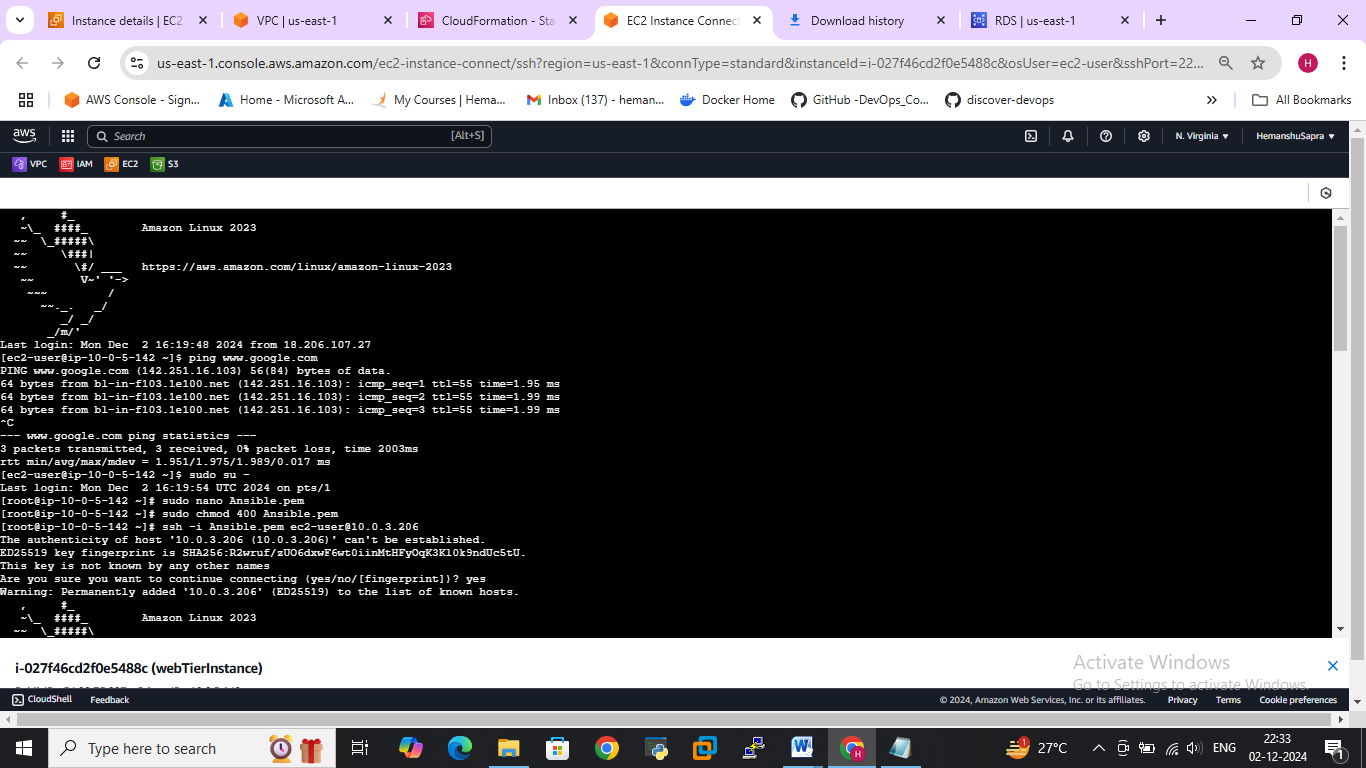




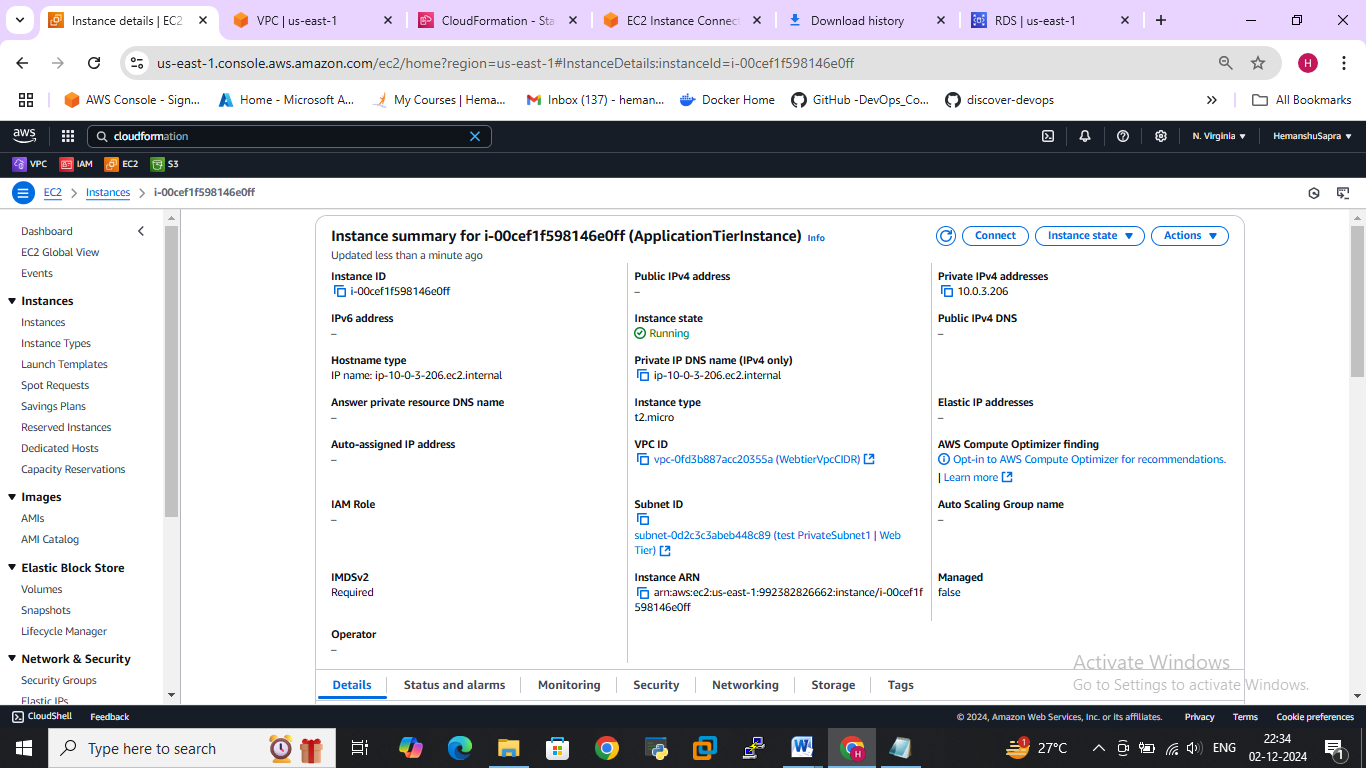


**Subnet**

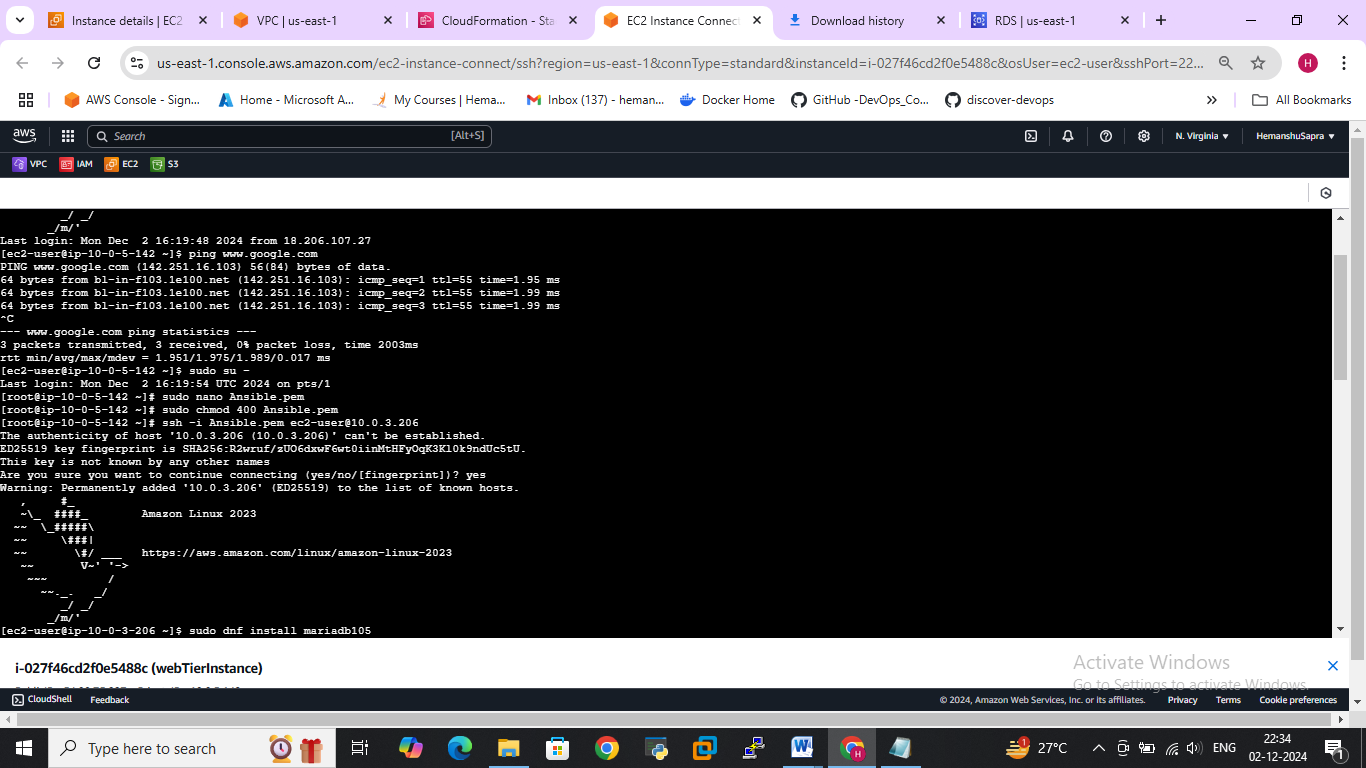




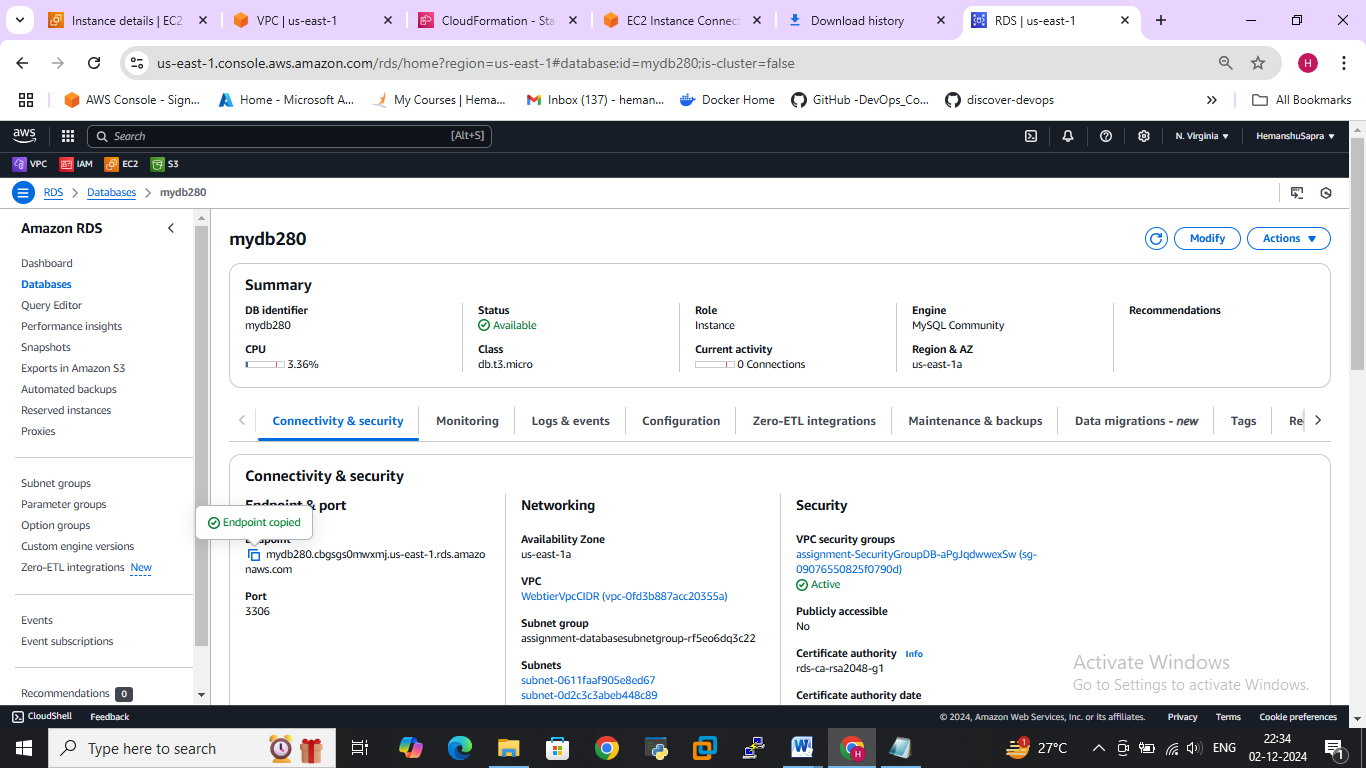
**Application tier: Launch an instance in a private subnet of the web tier and it should allow only SSH from the public subnet of Web Tier-3.**

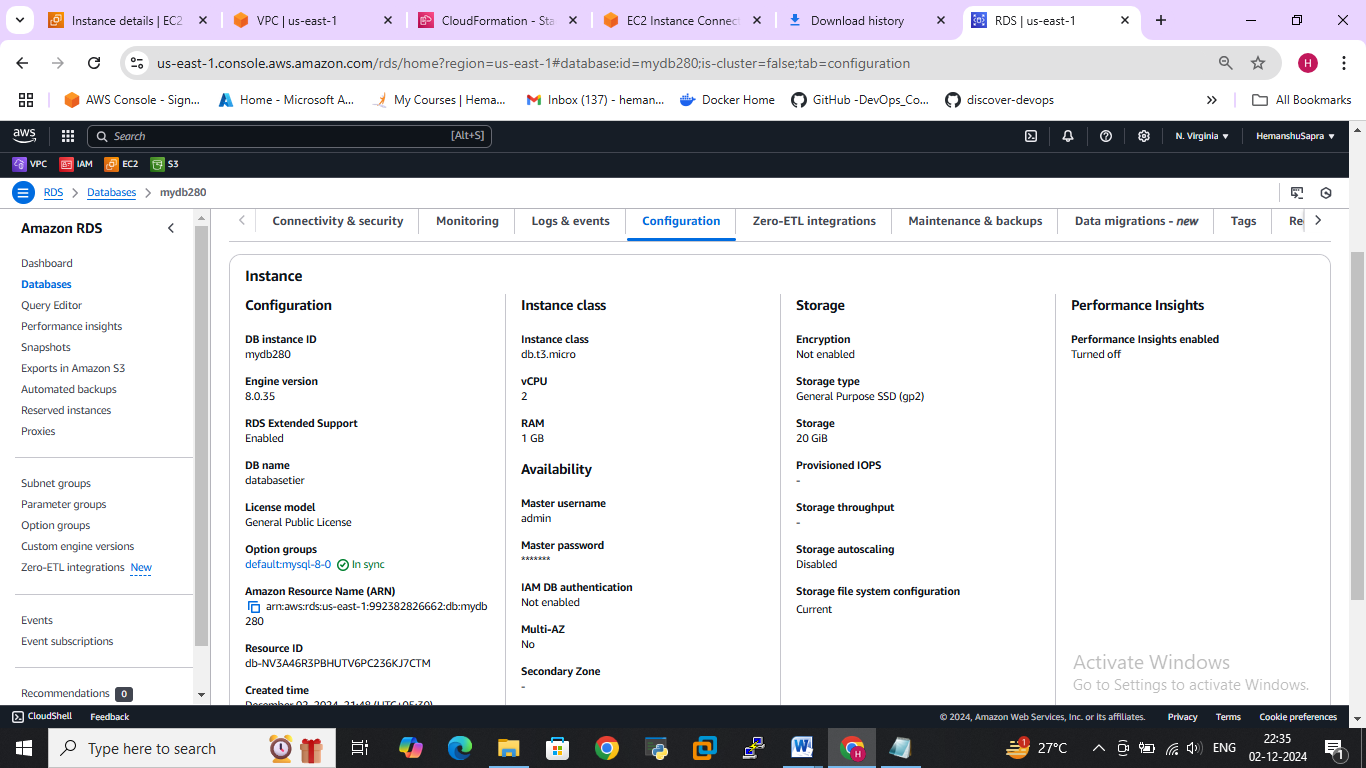


Connected to application instance via ssh through web instance



**DB tier: Launch an RDS MYSQL instance in a private subnet and it should allow connection on port 3306 only from the private subnet of Application Tier-4.**





**>>>** Connect db instance via pvt application instance

To connect db instance we need to install mysql Clint in pvt instance

To install > sudo dnf install mariadb105

To connect > mysql -h (dbendpoint) -P 3306 -u mymasteruser –p

