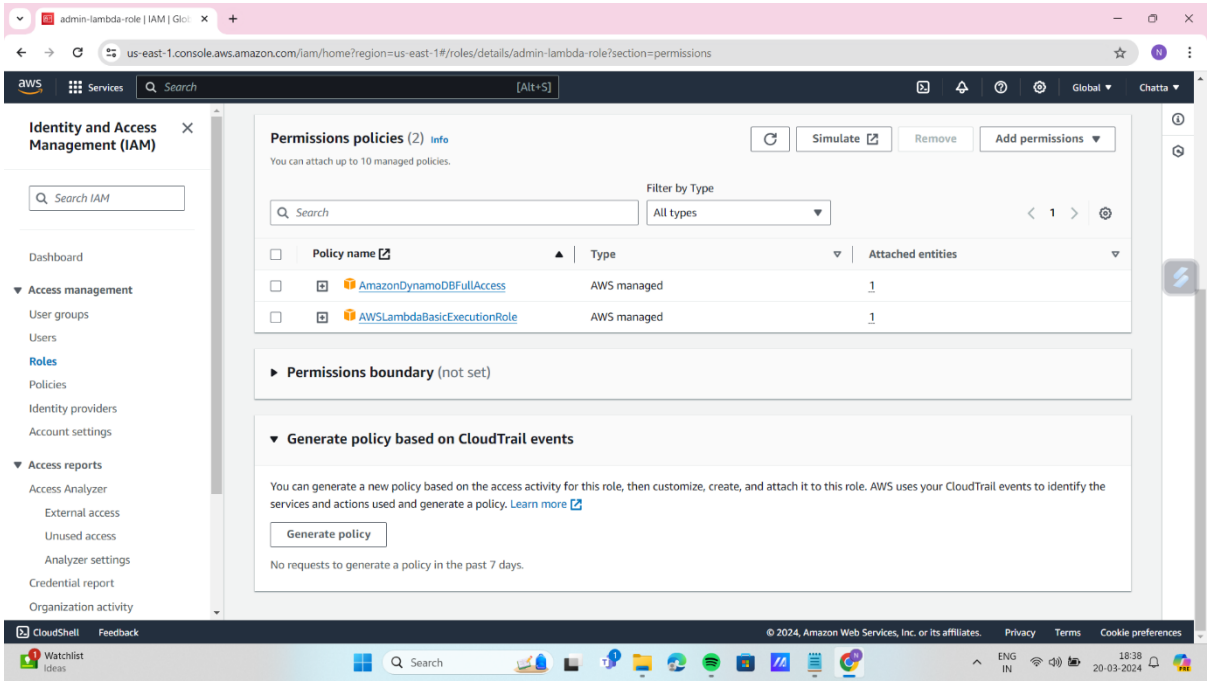
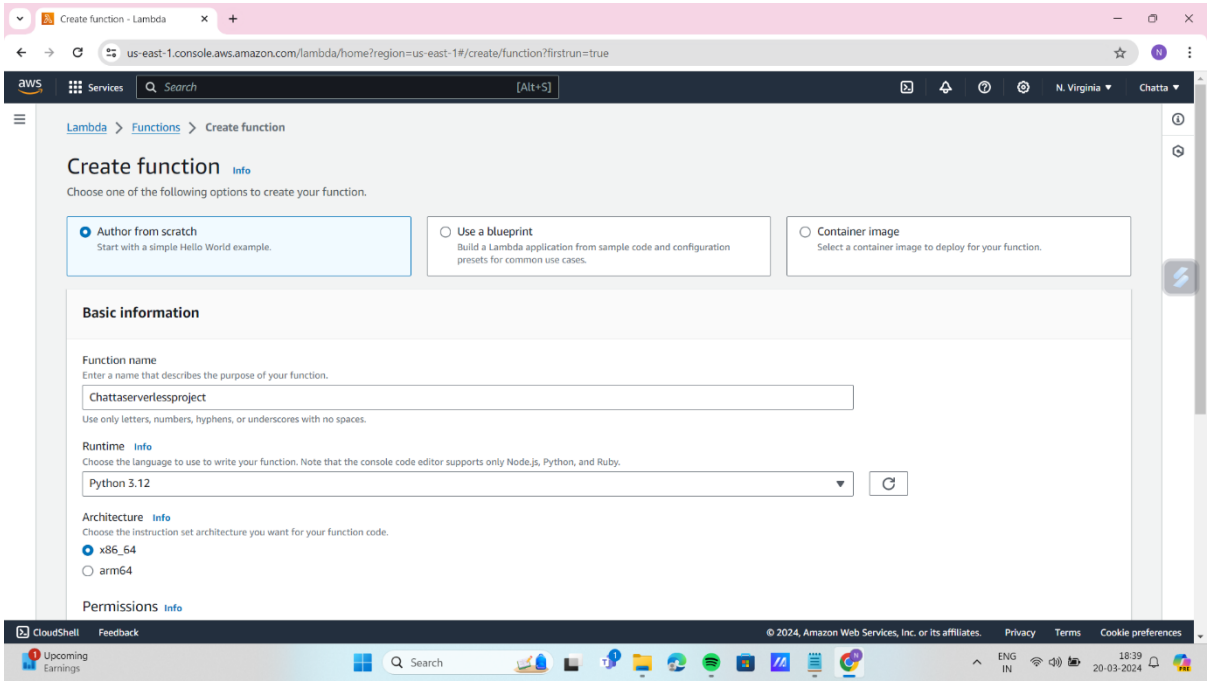
WEB APPLICATION DEPLOYMENT USING SERVERLESS SERVICES

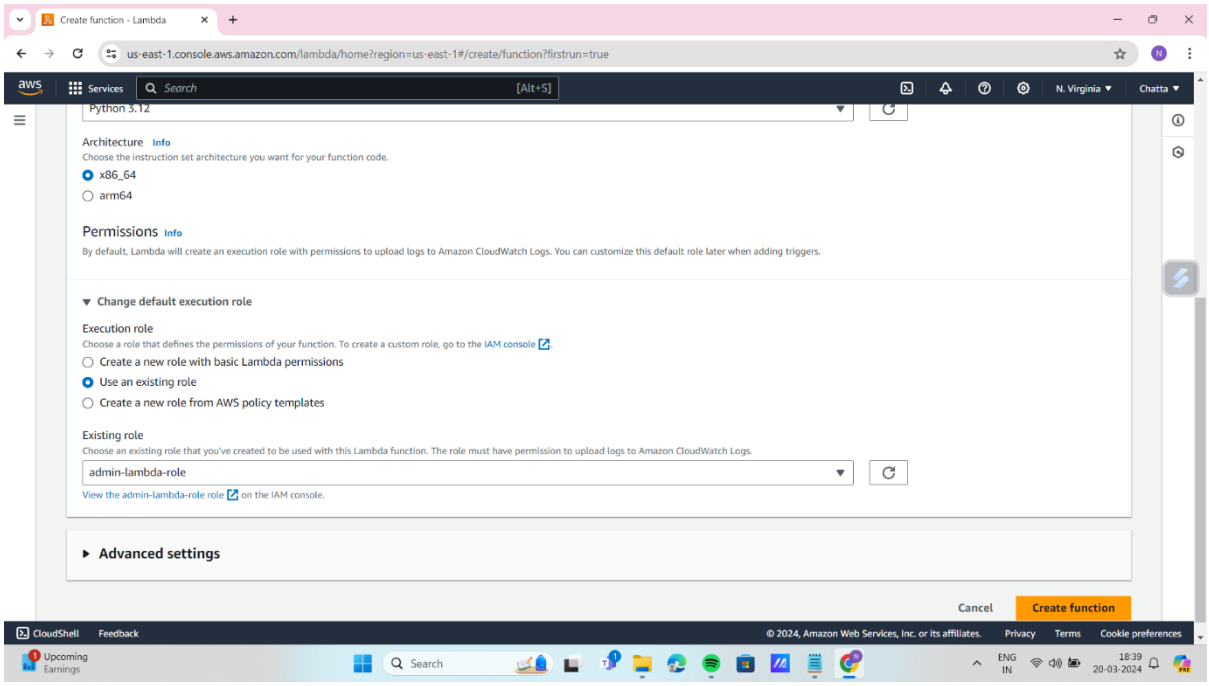
Procedure or Steps to follow

1.Create one iam role and attach two policies that is mentioned in below picture.

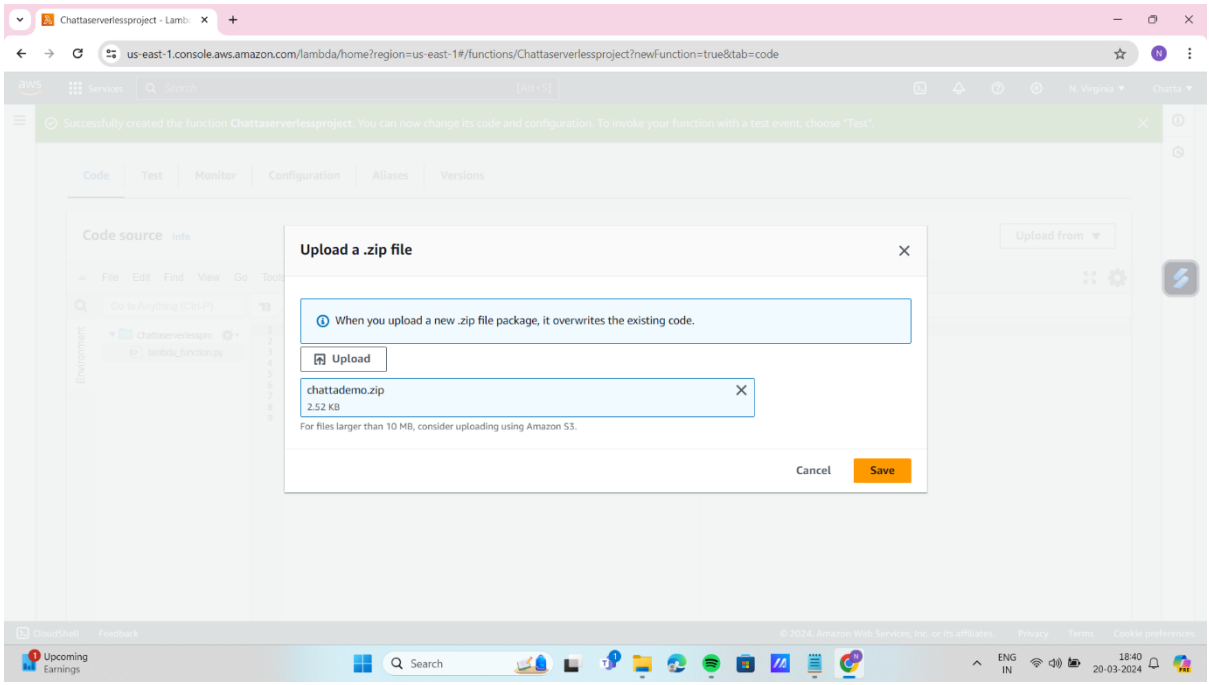


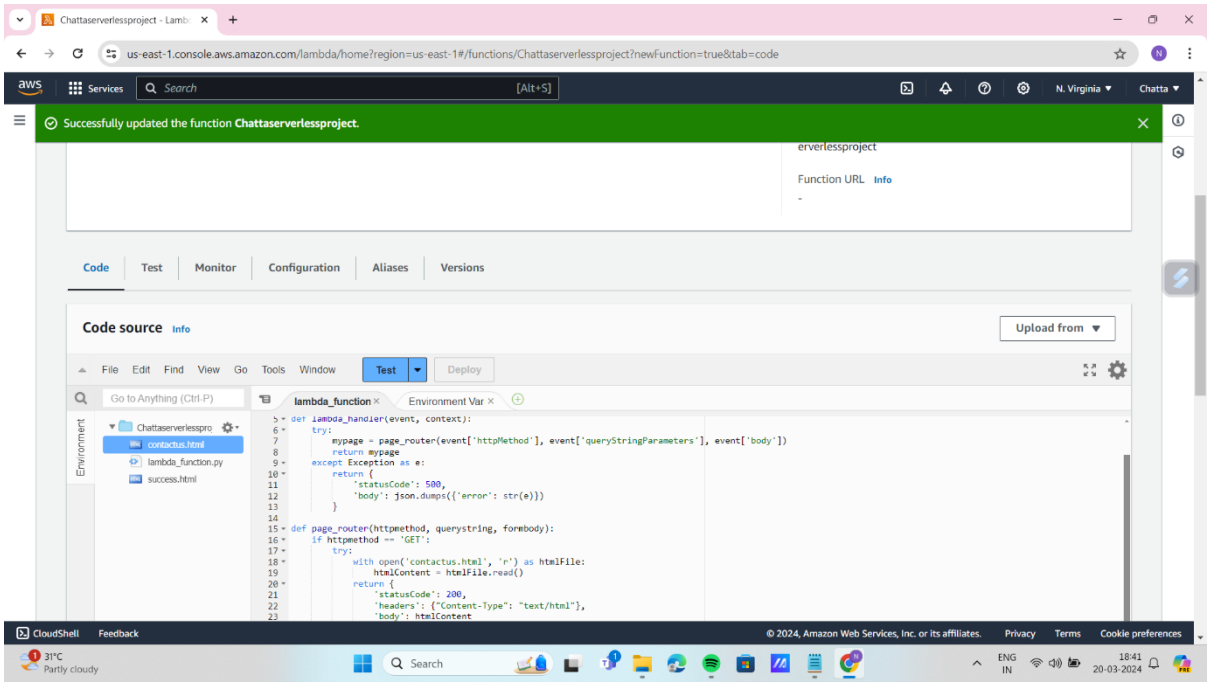
2.Create one lambda function , select runtime as python and role is existing role that is created before.



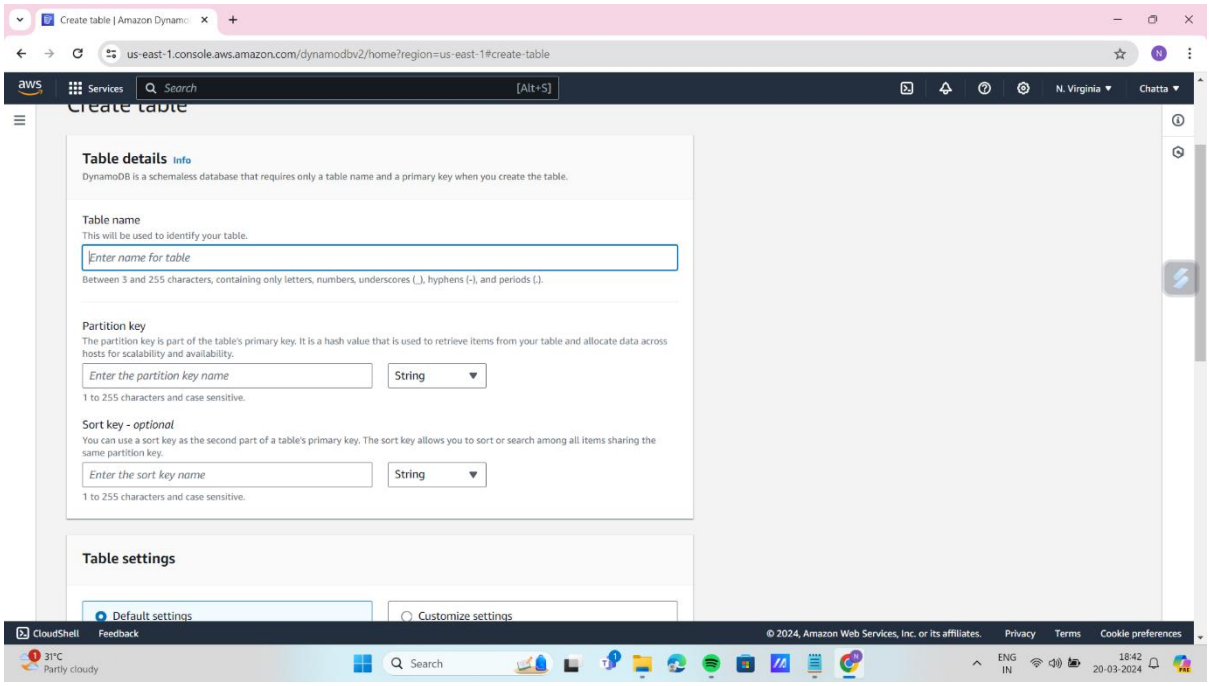


3.Upload the code in the ZIP file that is also provided in my repository.



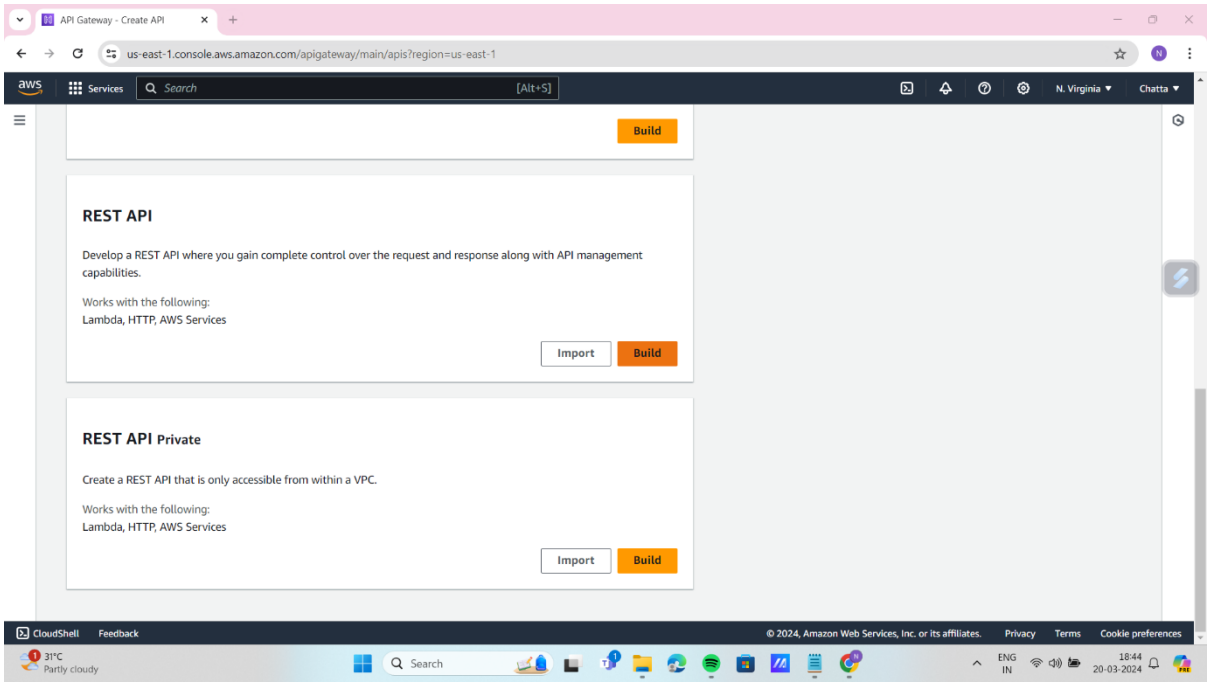


4.Search the service DynamoDB and create a table, enter the table name as that is present in the code, enter the partition key as email (String) table setting as default keep it,then click on create table.

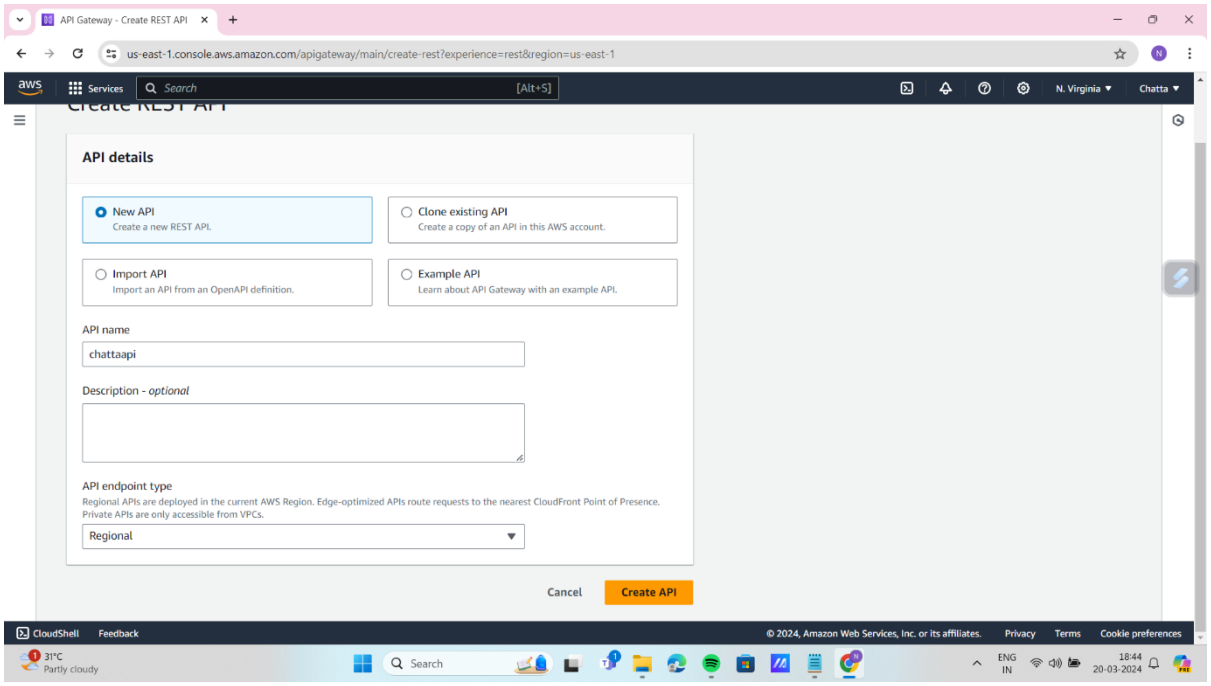


Note: Give the table name as it is that is present in the lambda function code “Insert into table_name values”.

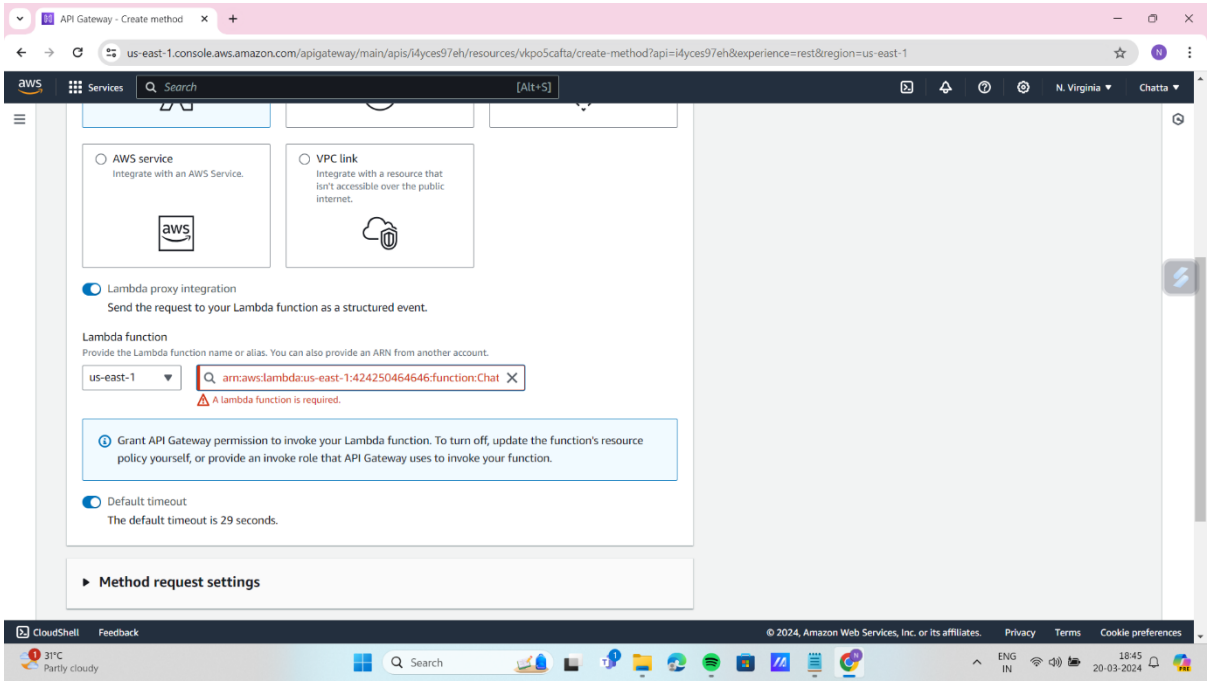
5.Search the service Api gateway click on build “rest api”.

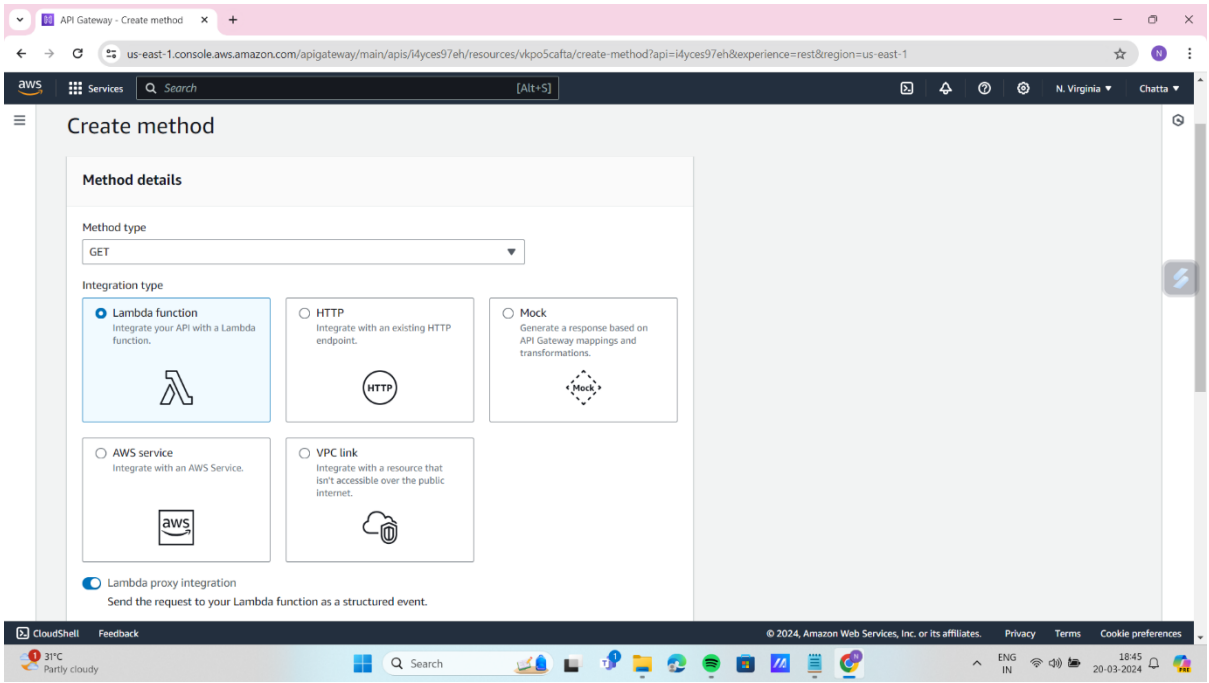


6.In api details select new api and give your api name and api end point type is regional, then click on create.

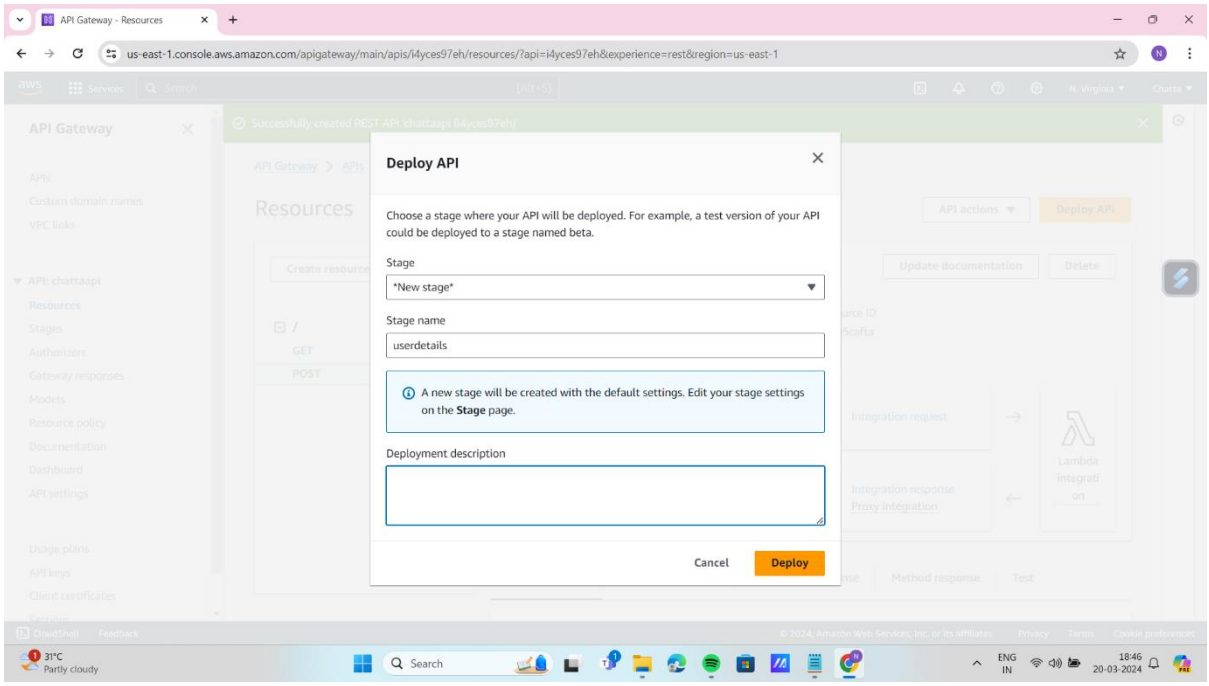


7.After creating api click on it and click on create method for get and post method type follow this picture steps as it is. This is for get method same like create for post method also.

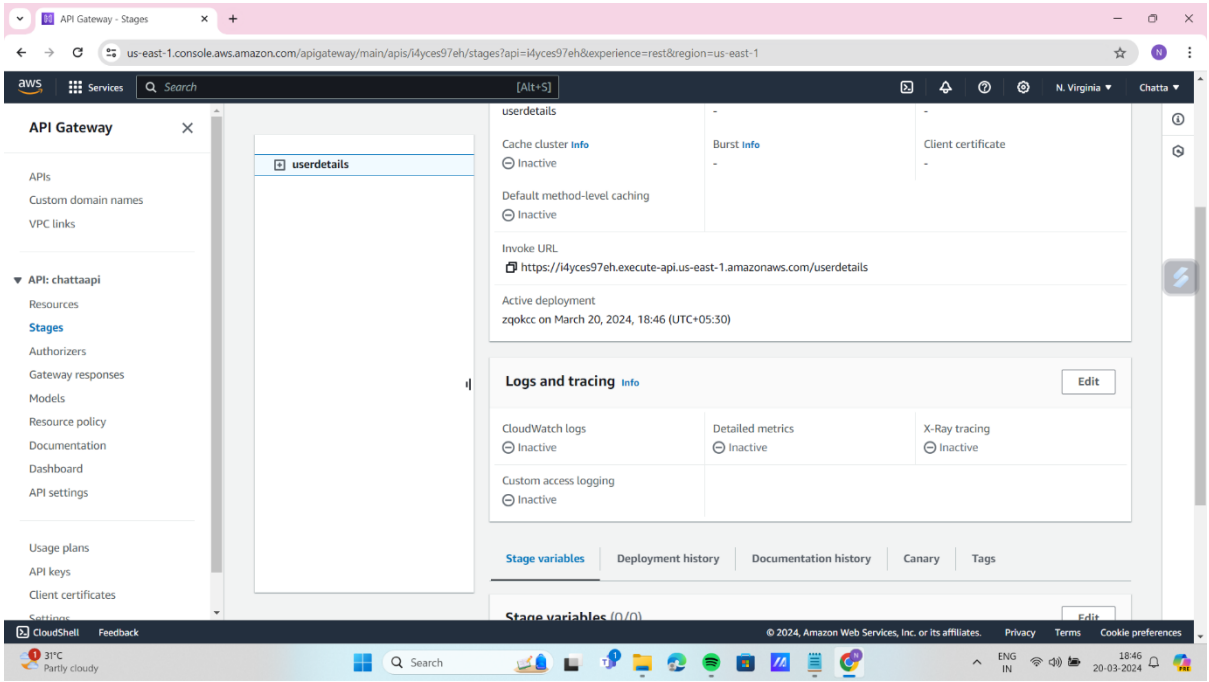


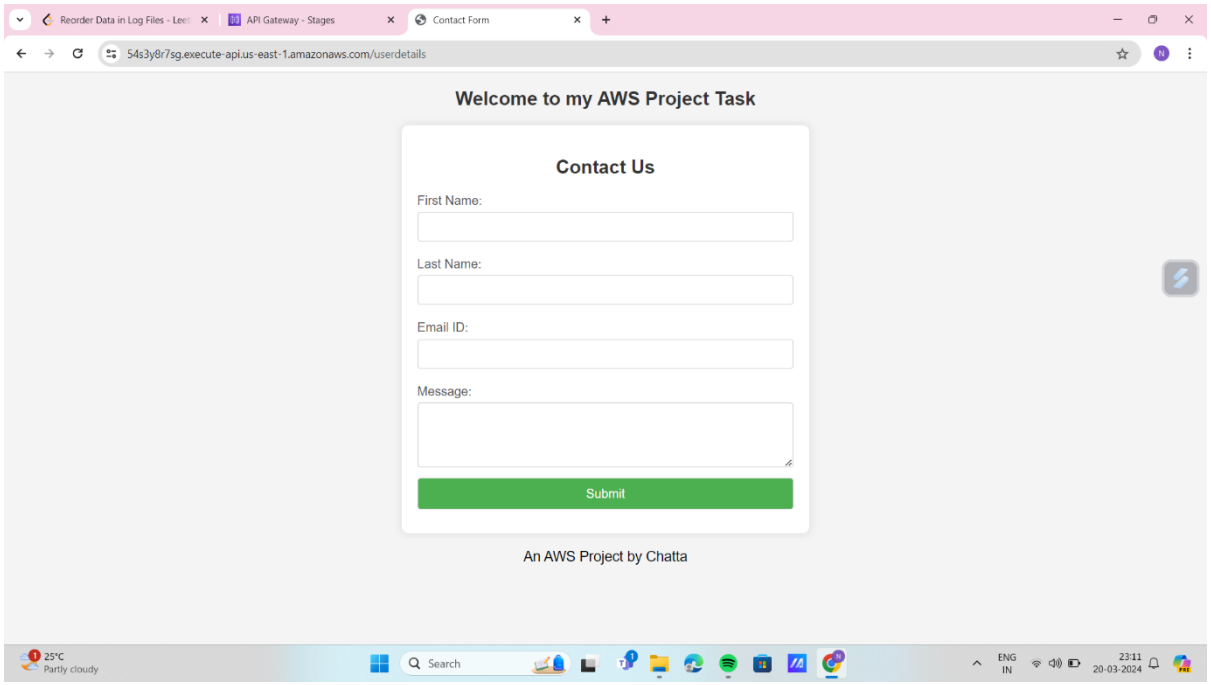


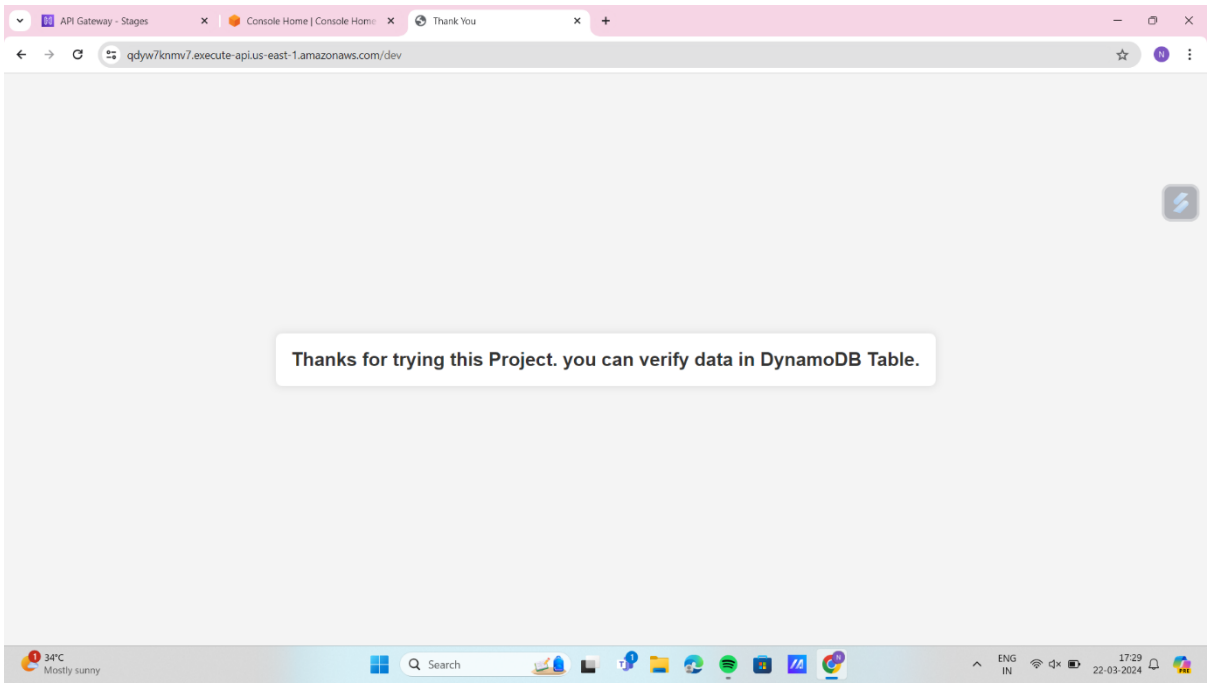
8.Then click on deploy api select stage as new stage give stage name your choice then deploy the api.



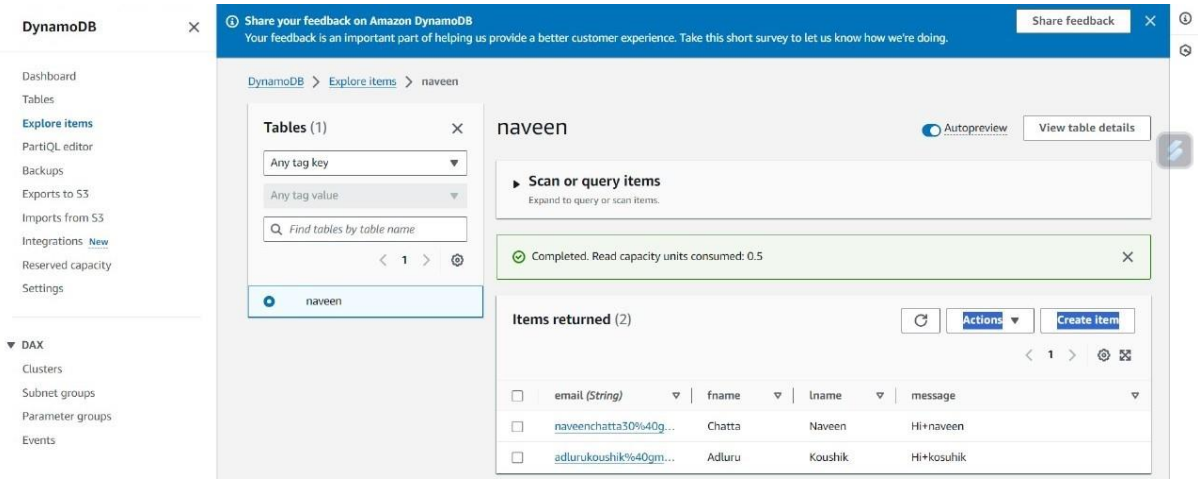
9.After deploying the api you will get the invoke url copy that and paste and serach in new tab you will get the application index page fill the form and click on submit you will get the success message and details you entered that will store in DynamoDB table.







10.After entering the details to see the stored user details in dynamoDB table open table that is created for this project and click on explore items there you can see the user entered first,last name and email,description.


DynamoDB
Dashboard
Tables
Explore items
PartiQL editor
Backups
Exports to S3
Imports from S3
Integrations New
Reserved capacity
Settings
DAX
Clusters
Subnet groups
Parameter groups
Events
Share your feedback on Amazon DynamoDB
Your feedback is an important part of helping us provide a better customer experience. Take this short survey to let us know how we're doing.
Share feedback
DynamoDB > Explore items > naveen
Tables (1)
Any tag key
Any tag value
Find tables by table name
1
naveen
naveen
Autopreview
View table details
Scan or query items
Expand to query or scan items.
Completed. Read capacity units consumed: 0.5
Items returned (2)
Actions
Create item
1
email (String)
fname
lname
message
naveenchatta30%40g...
Chatta
Naveen
Hi+naveen
adlurukoushik%40gm...
Adluru
Koushik
Hi+kosuhik