Module 9: Lambda Assignment

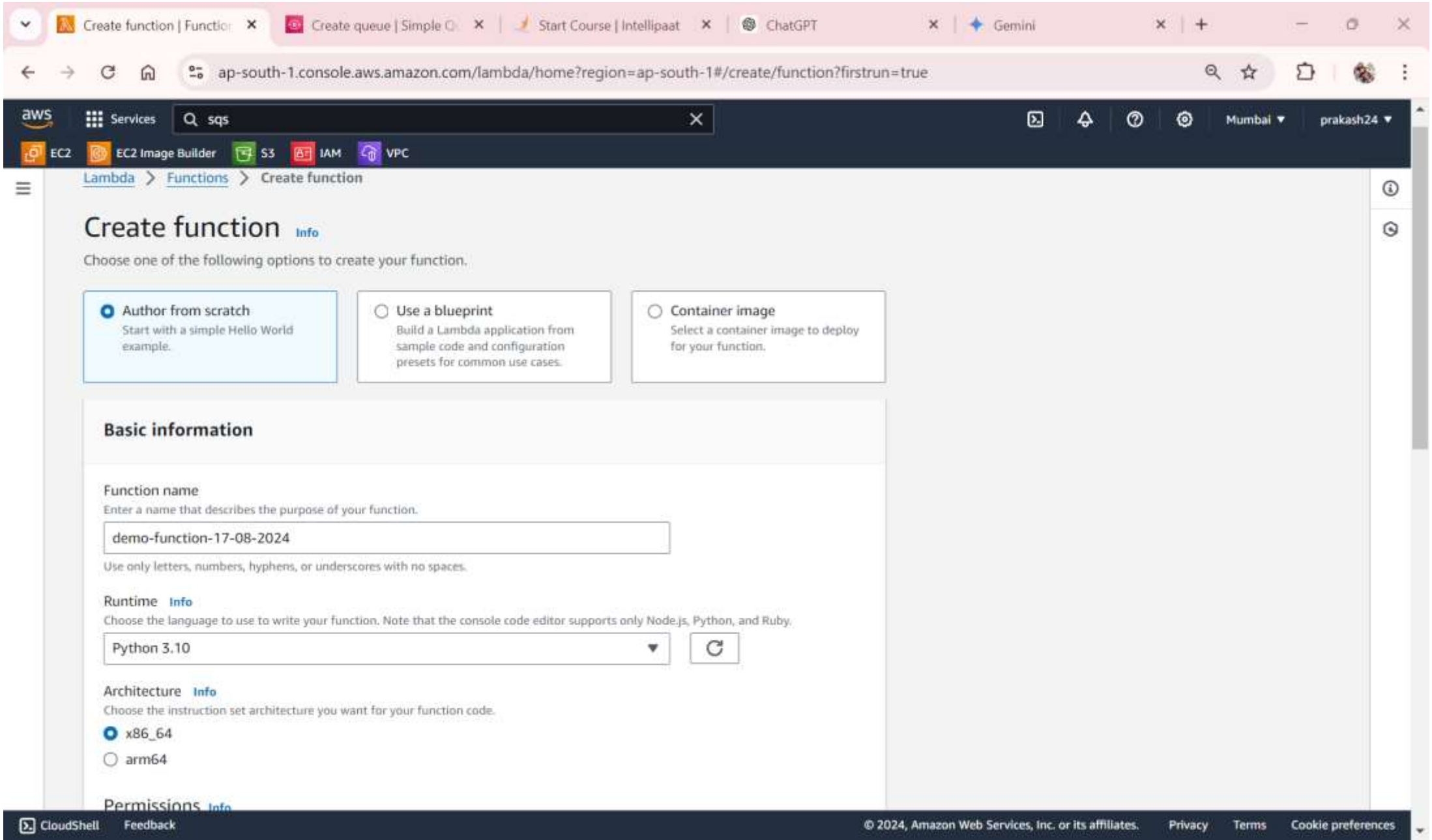
Problem Statement:

You work for XYZ Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

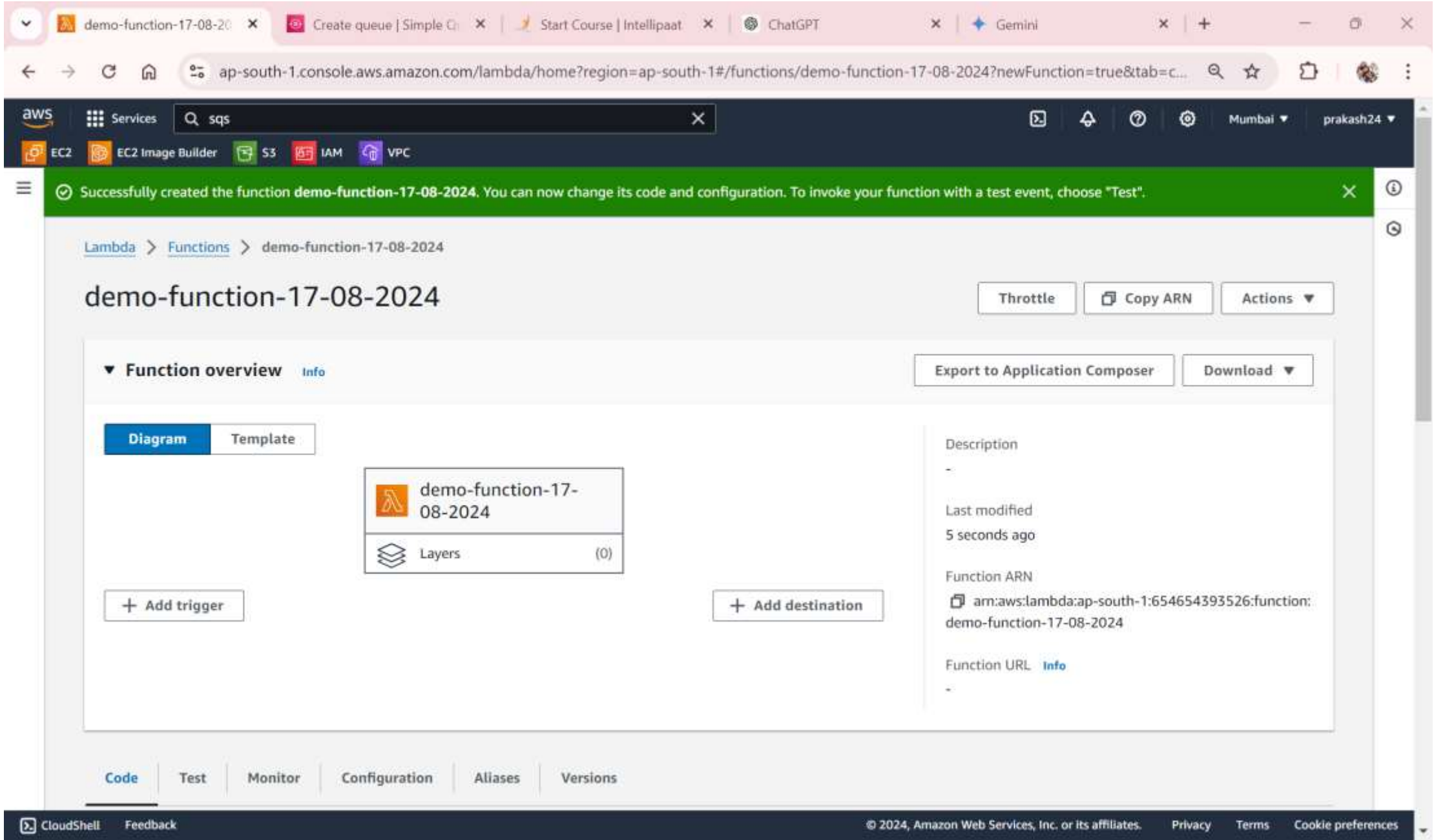
Tasks To Be Performed:

1. Create a sample Python Lambda function.
2. Set the Lambda Trigger as SQS and send a message to test invocations.

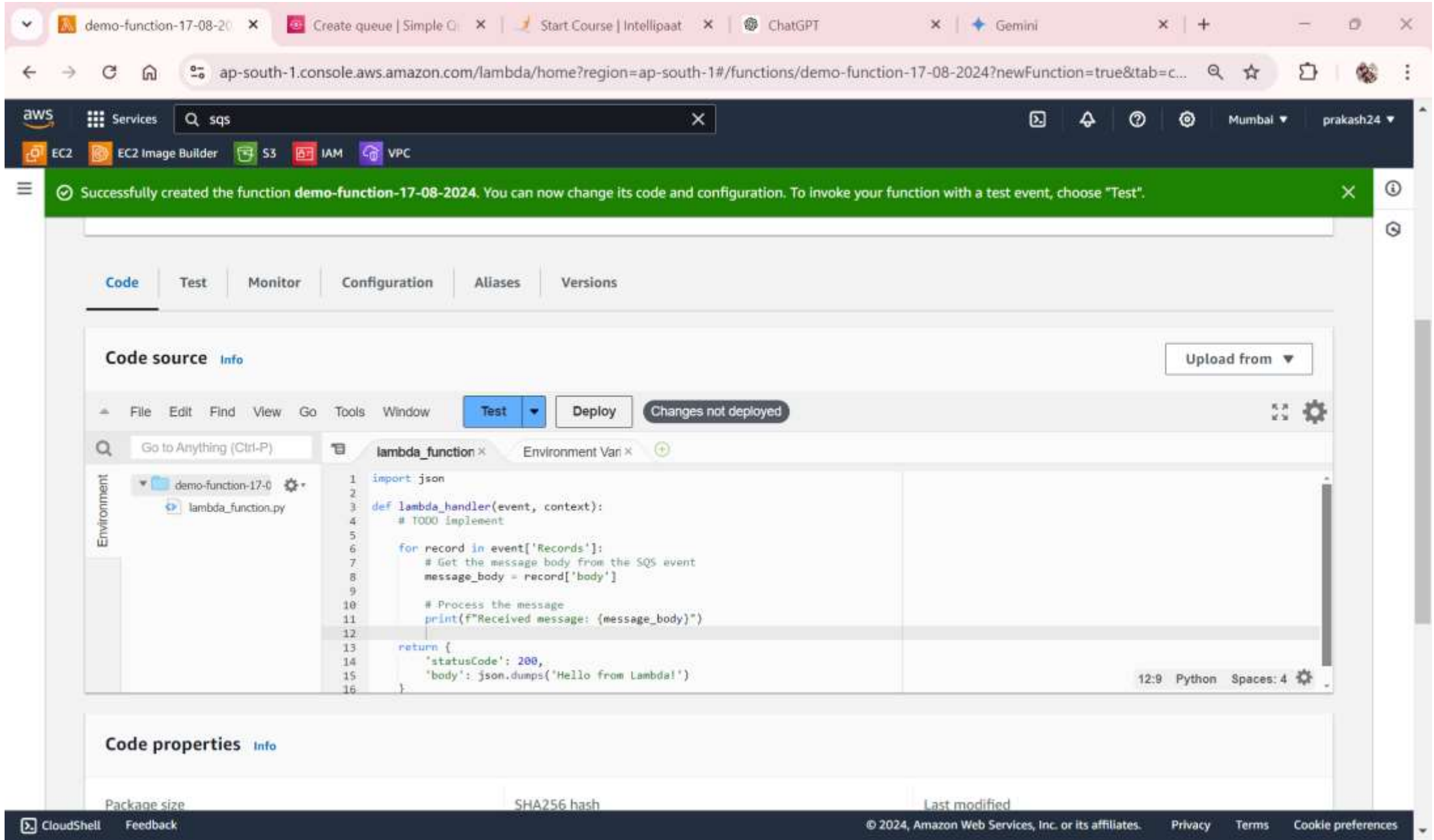
Creating a lambda function



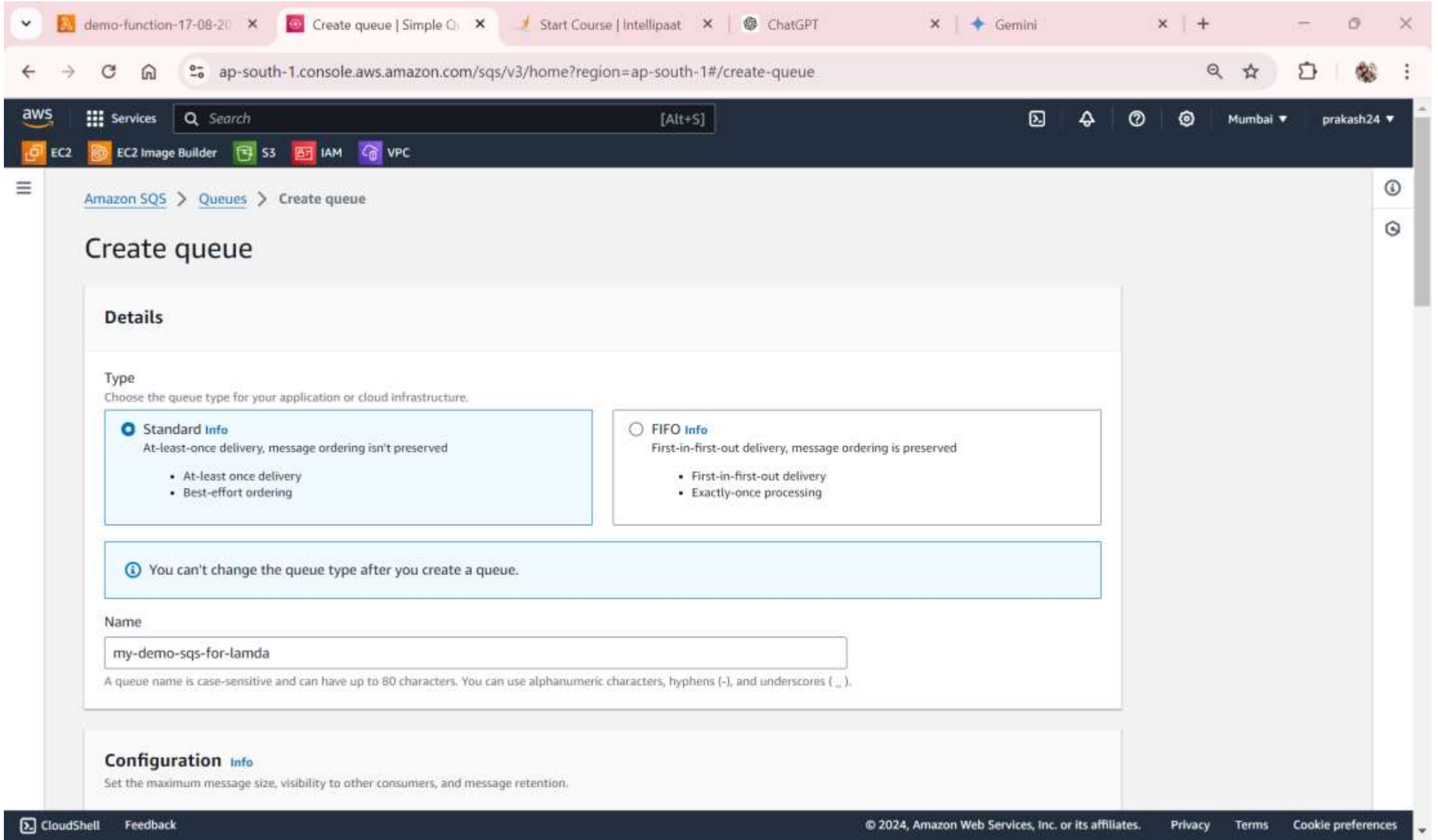
lambda function created successfully



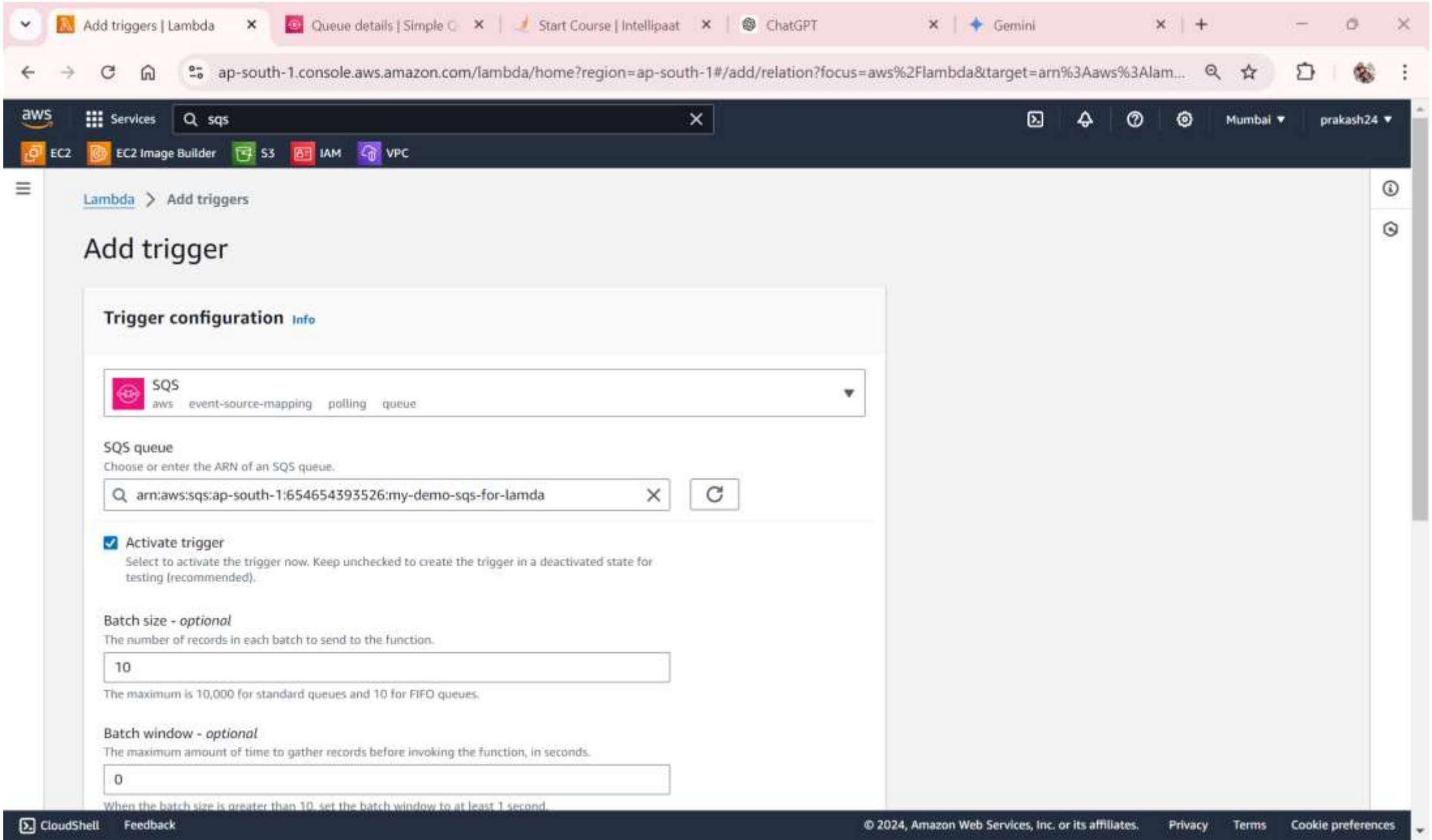
Deploying code in lambda function



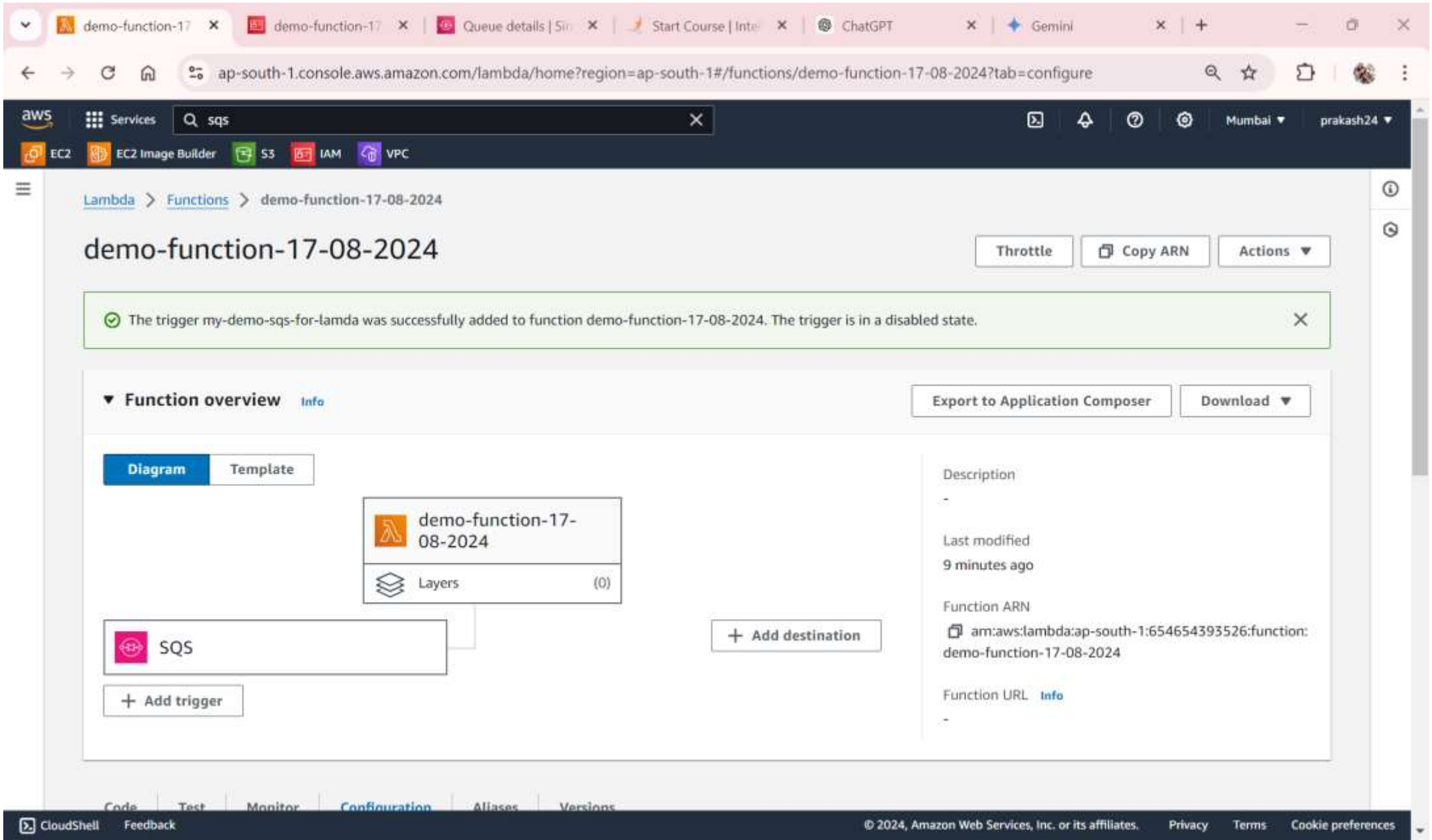
Creating SQS to trigger lambda function



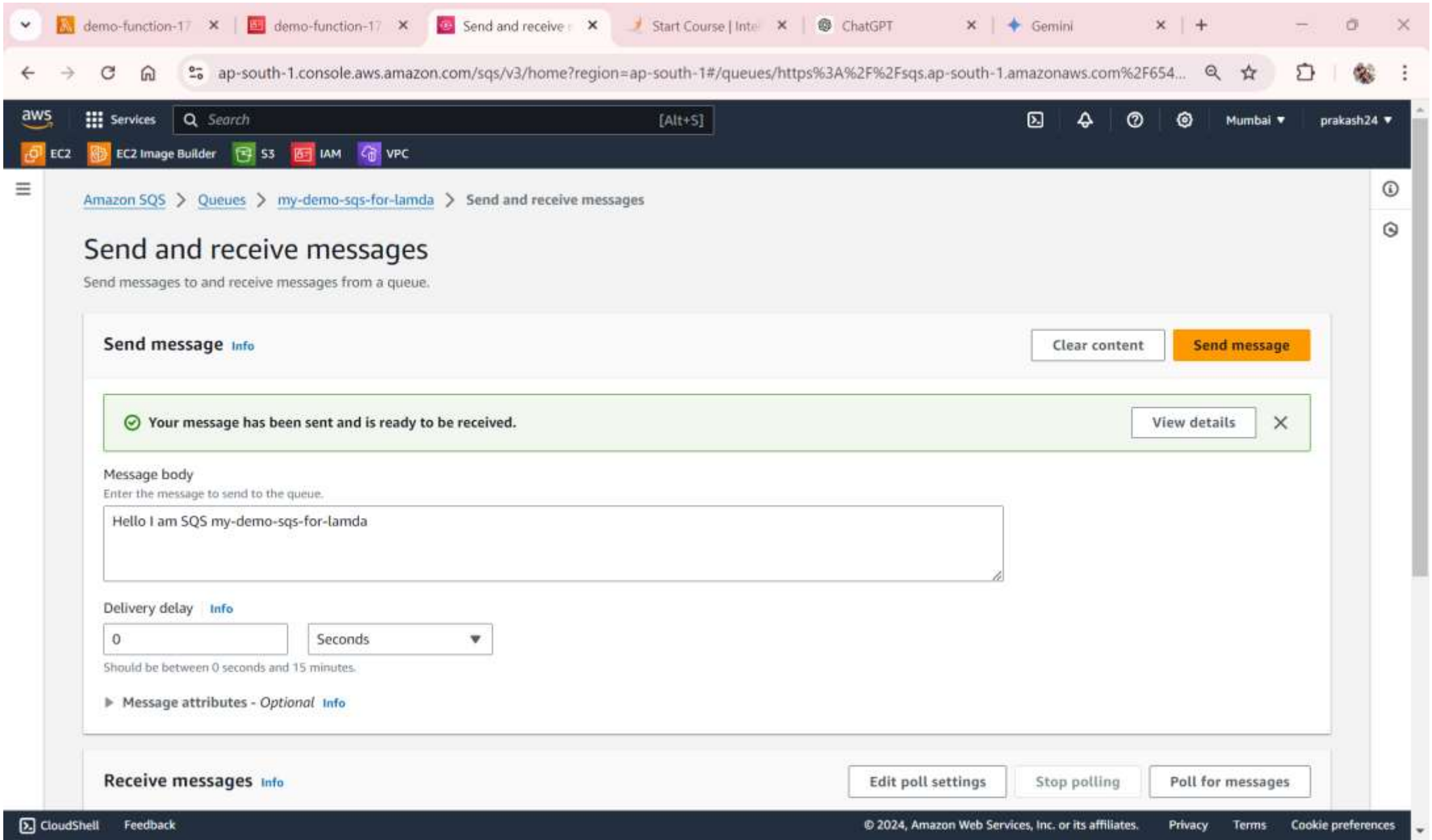
Adding a trigger in lambda function on SQS



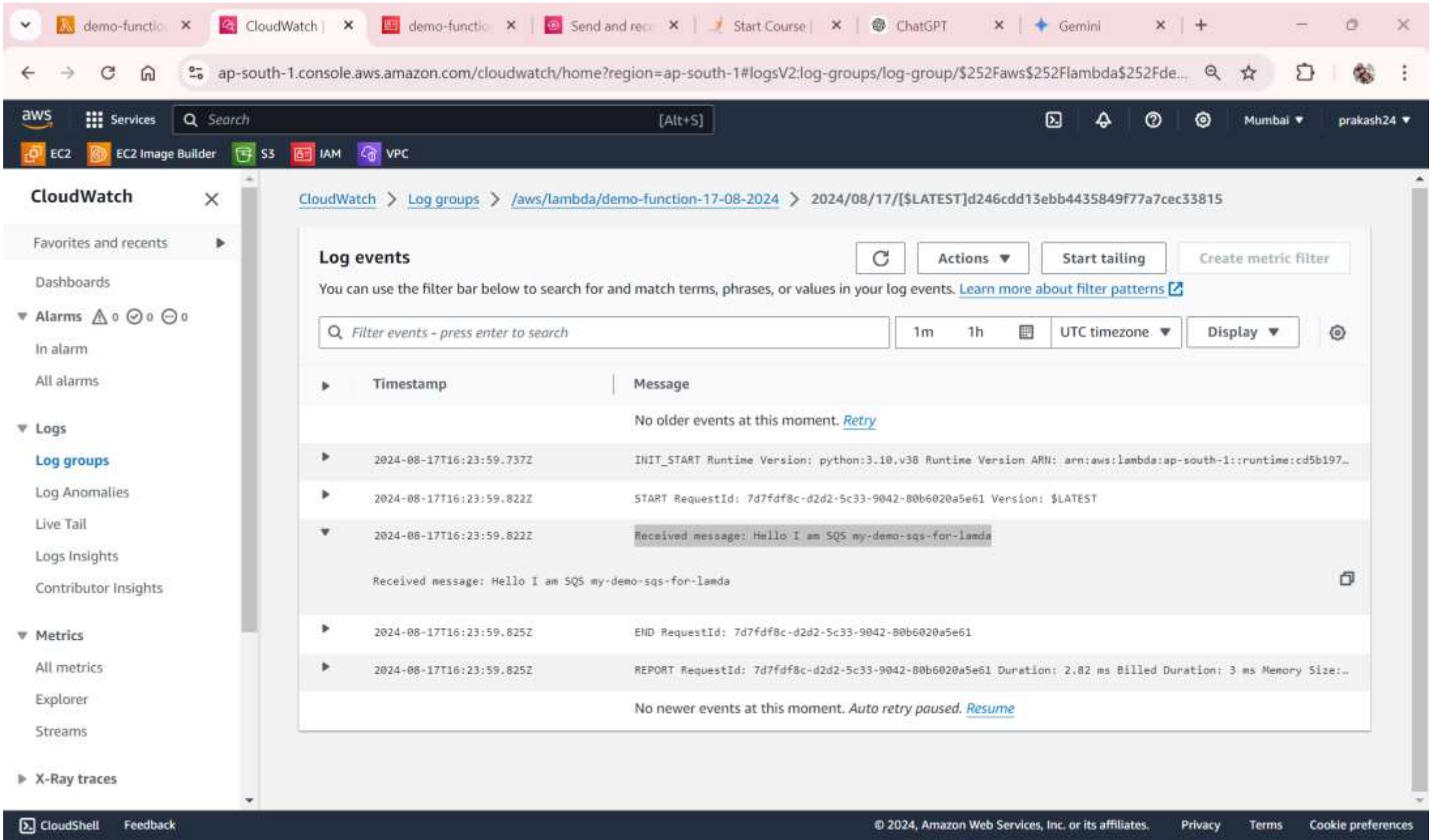
trigger added in lambda function



Testing lambda function sending message using SQS



We can see the same message in log receive by lambda function



Module 9: Elastic Beanstalk Assignment

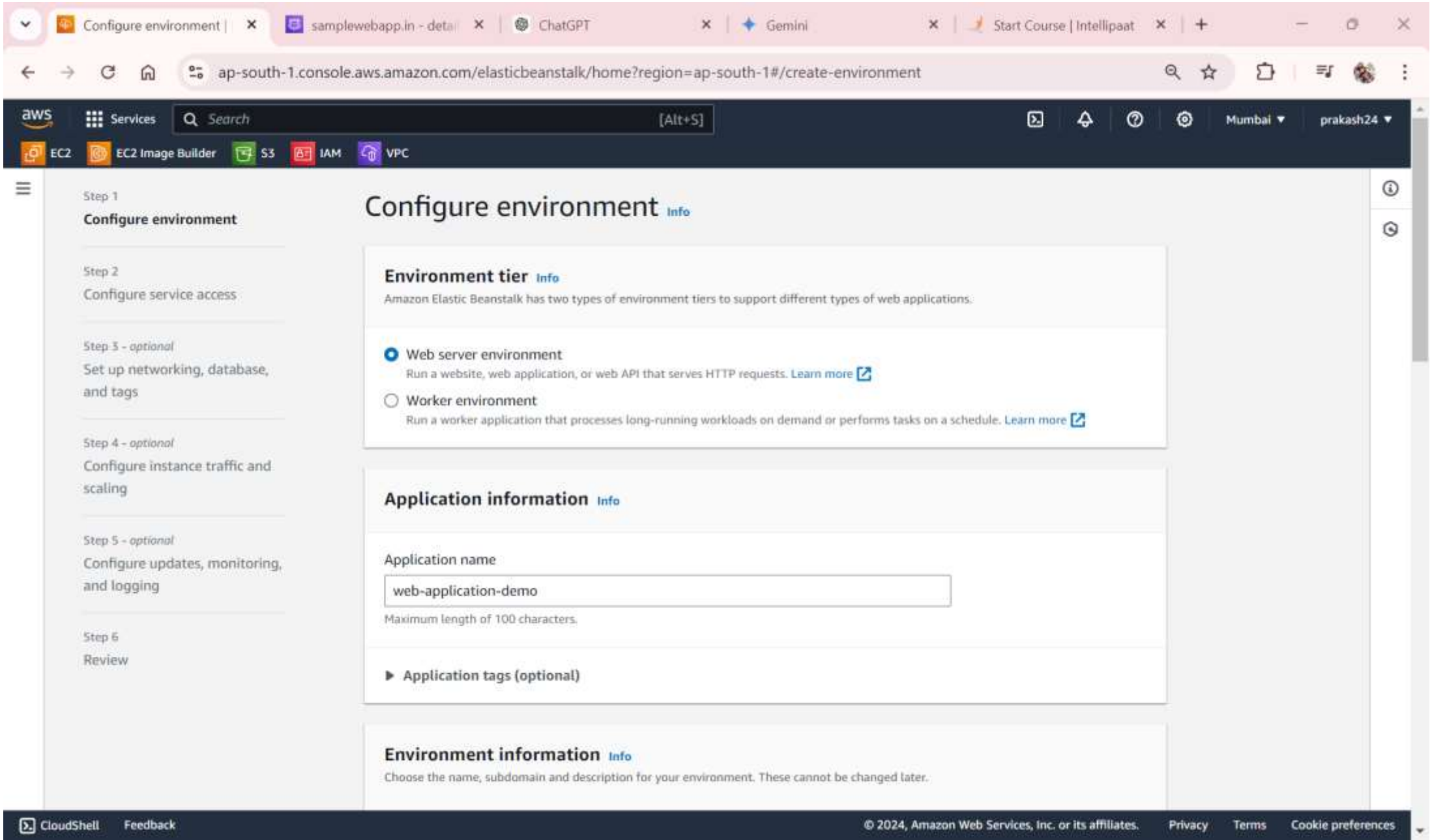
Problem Statement:

You work for XYZ Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

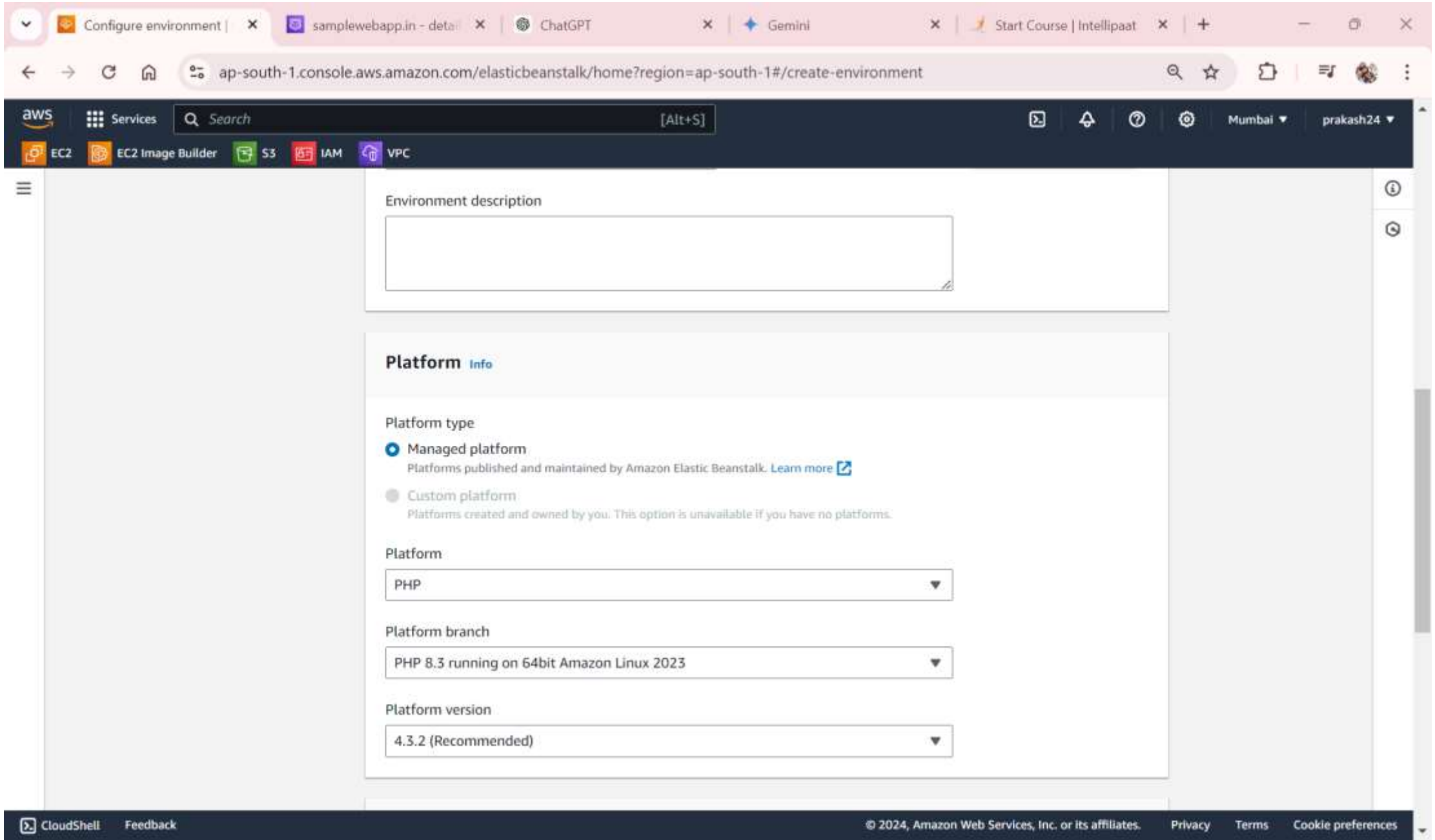
Tasks To Be Performed:

1. Create an Elastic Beanstalk environment with the runtime as PHP.
2. Upload a simple PHP file to the environment once created.

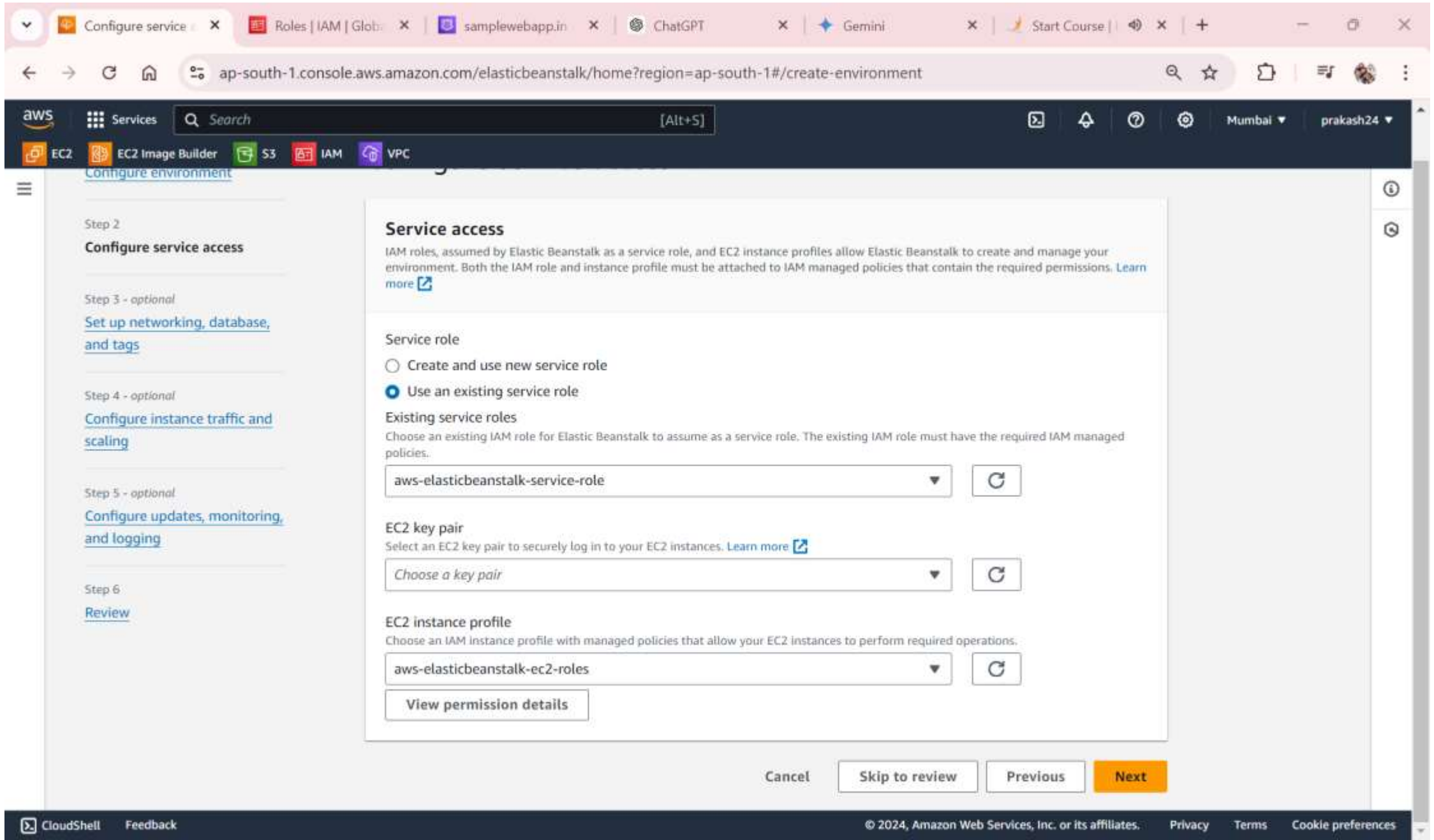
Creating web server environment for PHP



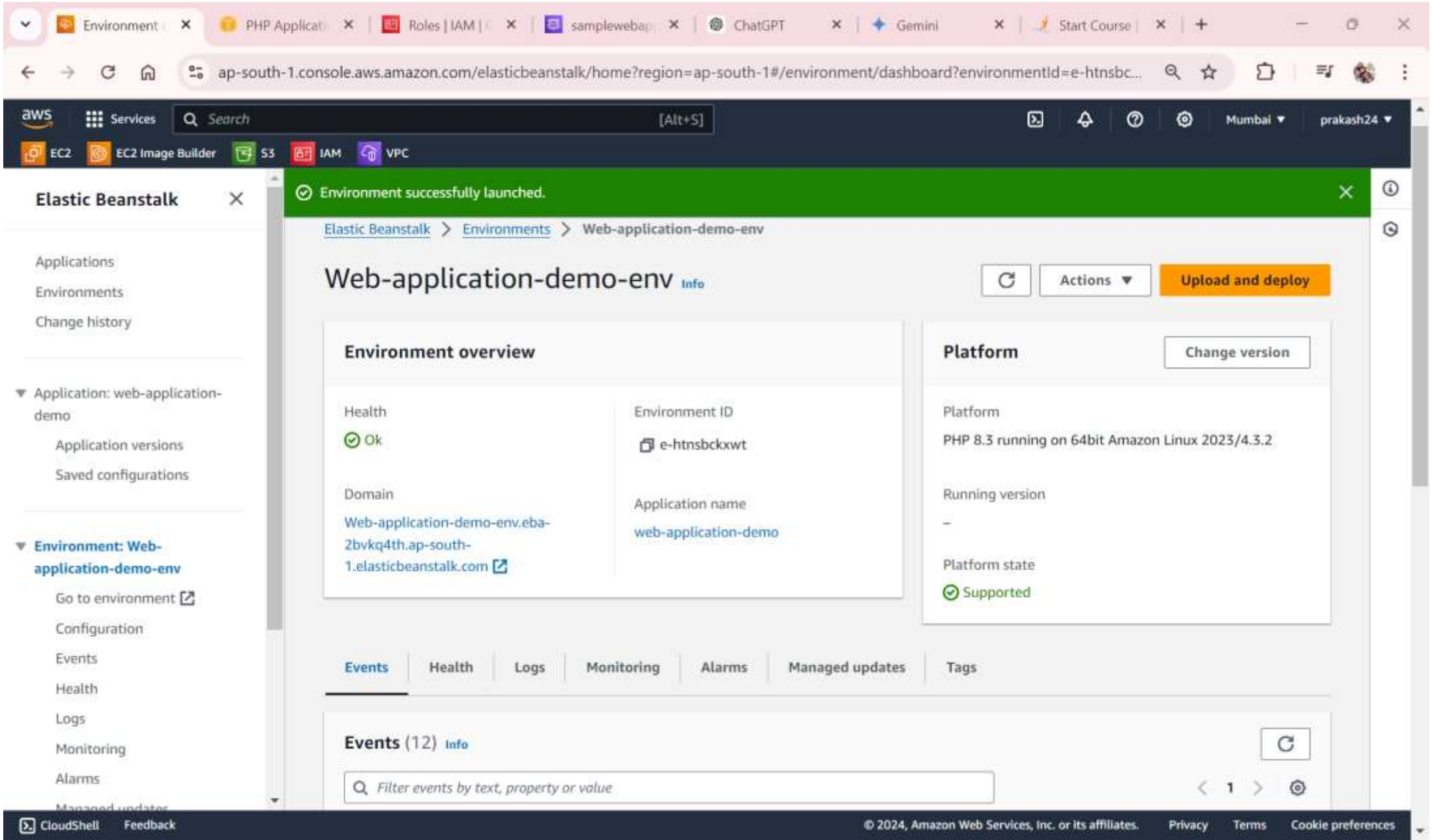
Choosing Platform PHP for creating environment



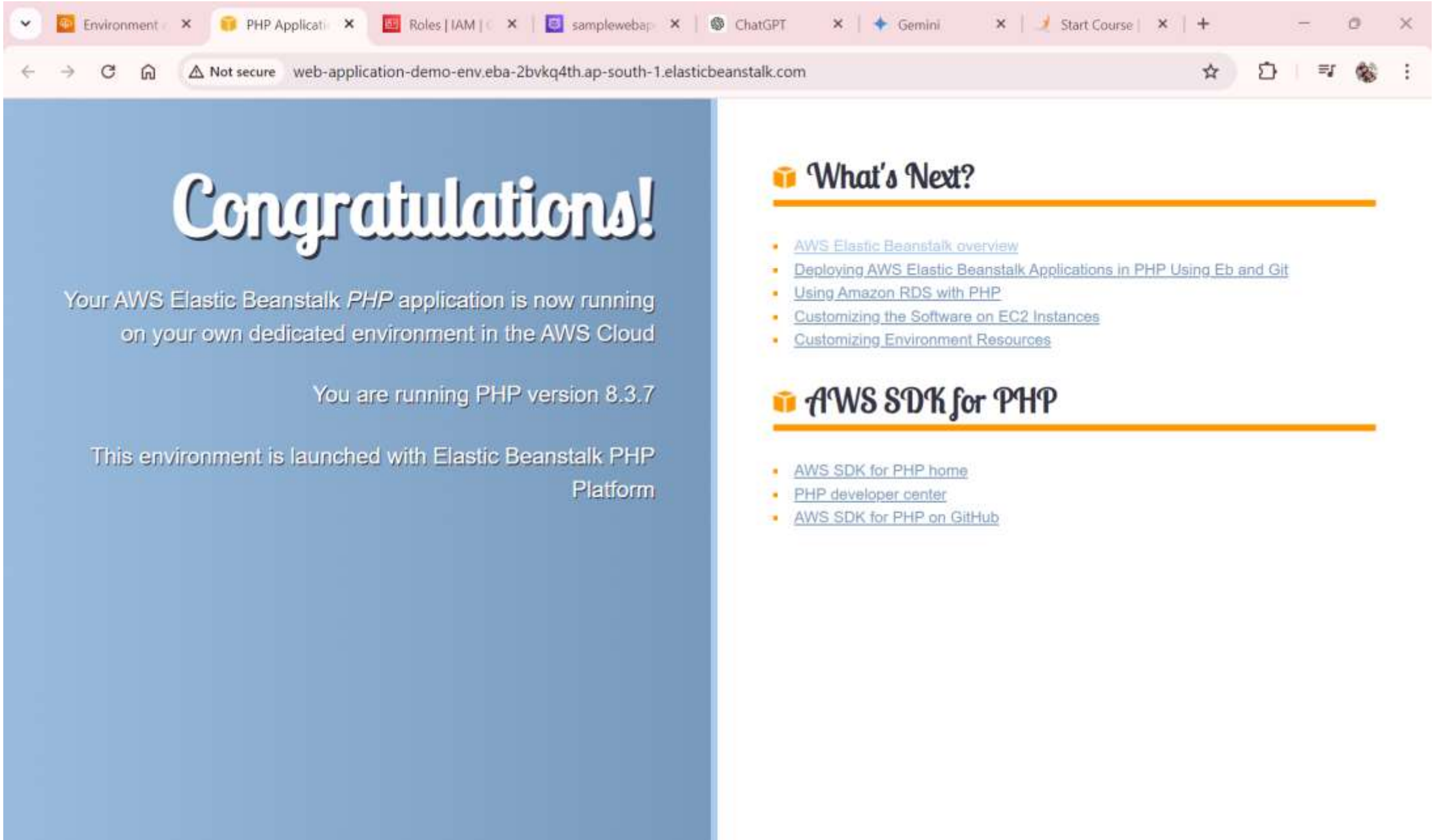
Setting service access to provide access to elasticbeanstalk



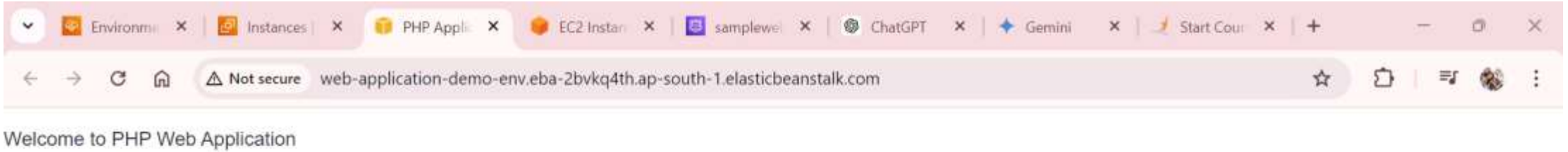
Web Application in ready to test



We can see the home page of application



We can see the home page of application where we have did some changes



Module 9: OpsWorks Assignment

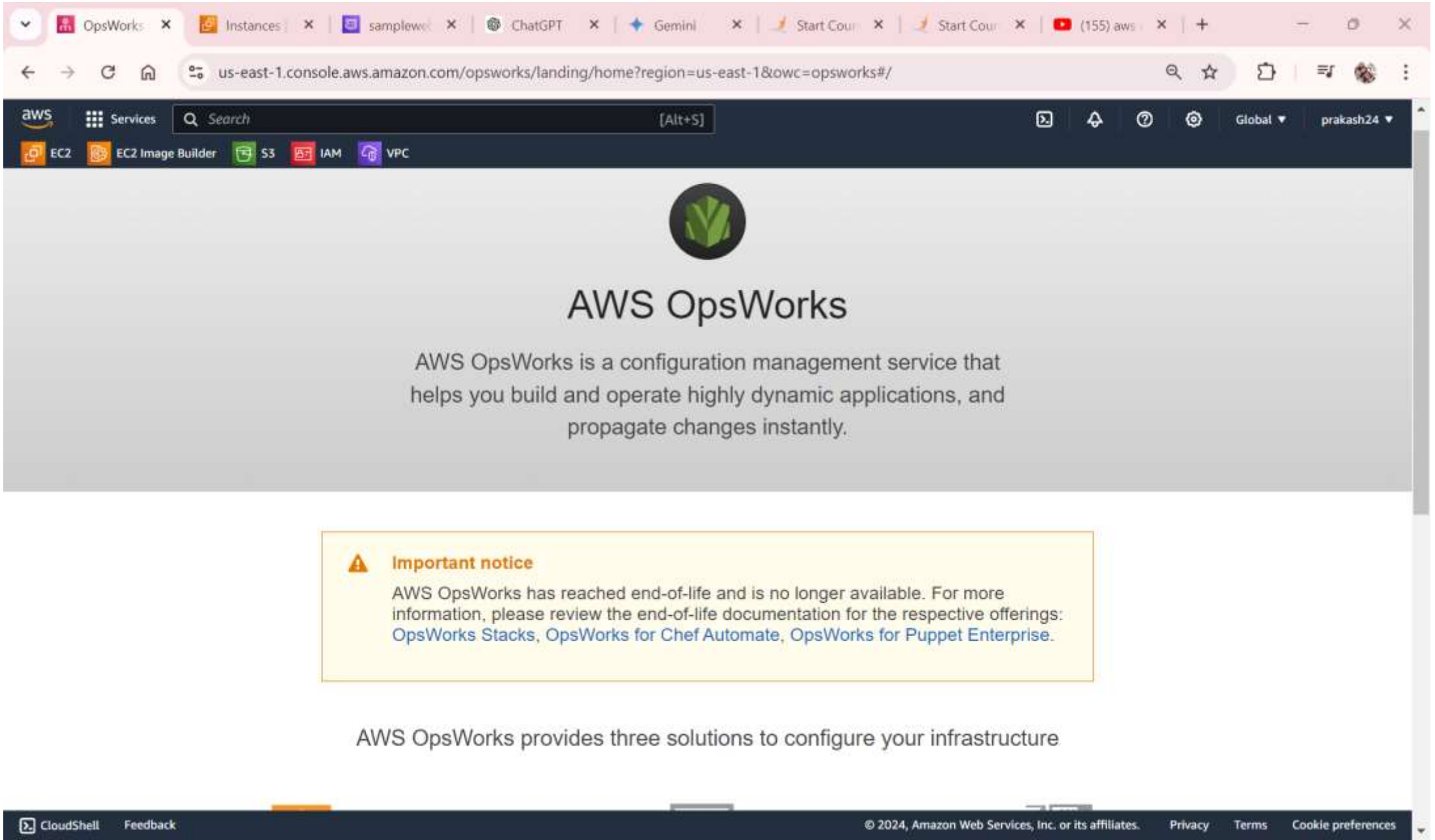
Problem Statement:

You work for XYZ Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

Tasks To Be Performed:

1. Create an OpsWorks sample stack, start the instances and deploy the application.
2. Add 2 more t2.medium instances.
3. Make a change to the repository code and check if it reflects in all the instances.

This service is no longer in AWS



This service is no longer in AWS