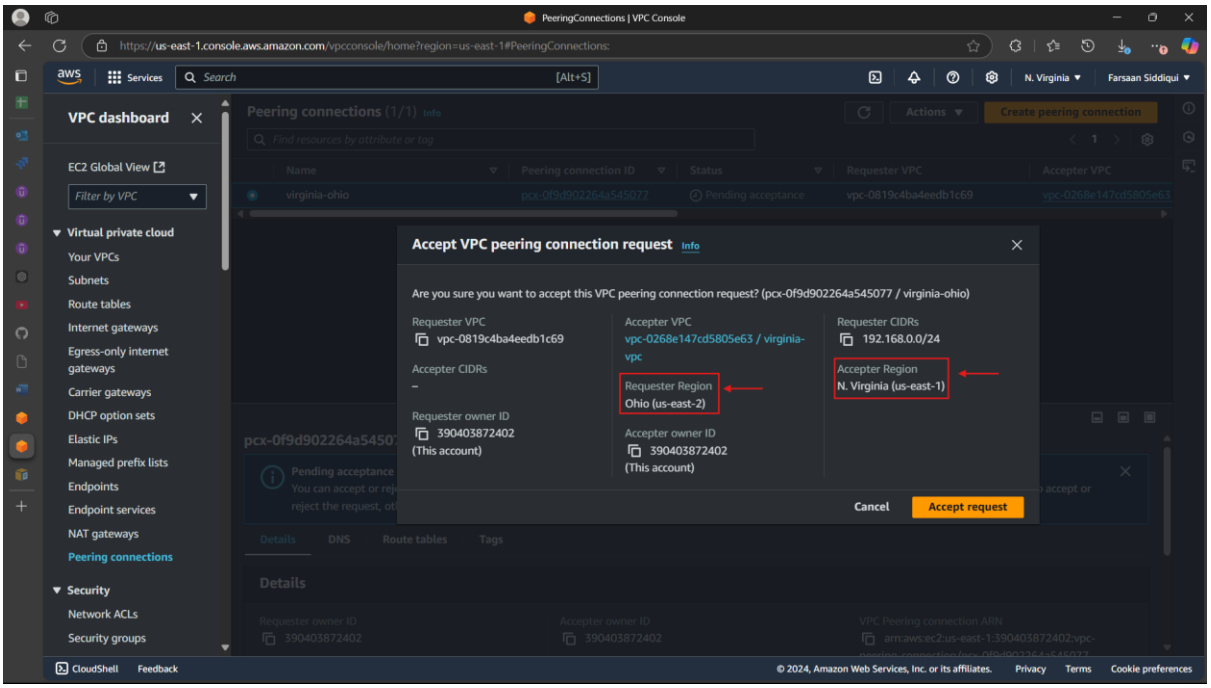
TASKS ON ROUTE53, S3, CLOUDFRONT

1.Configure VPC peering in cross regions

*CREATE VPC'S WITH 1 PRIVATE AND 1 PUBLIC SUBNET IN TWO DIFFERENT REGION

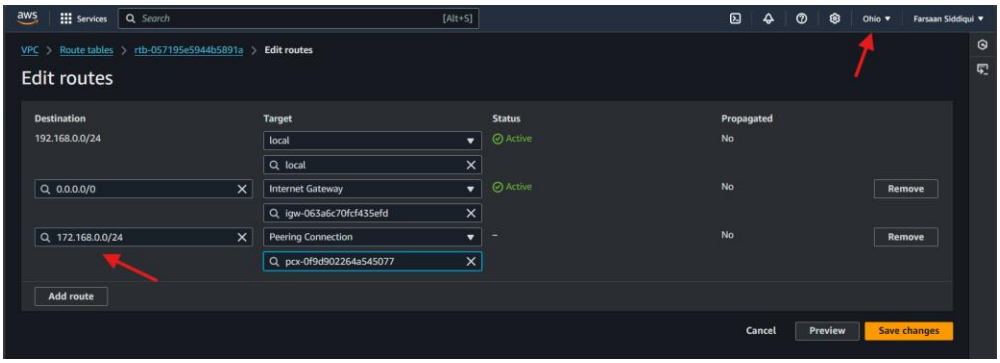
*GO TO PEERING CONNECTION AND FOLLOW THE STEPS AND ADD VPC OF DIFFERENT REGION BY SELECTING OPTION PROVIDED

*ACCEPT THE REQUEST IN THE REGION YOU PROVIDED BEFORE.

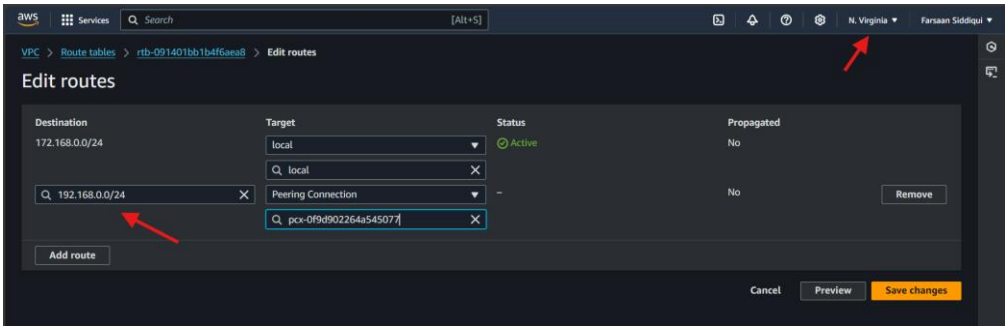


*ADD THE CIDR RANGE IN THE RT FOR BOTH REGION VPC

*ONE REGION IN PUBLIC RT

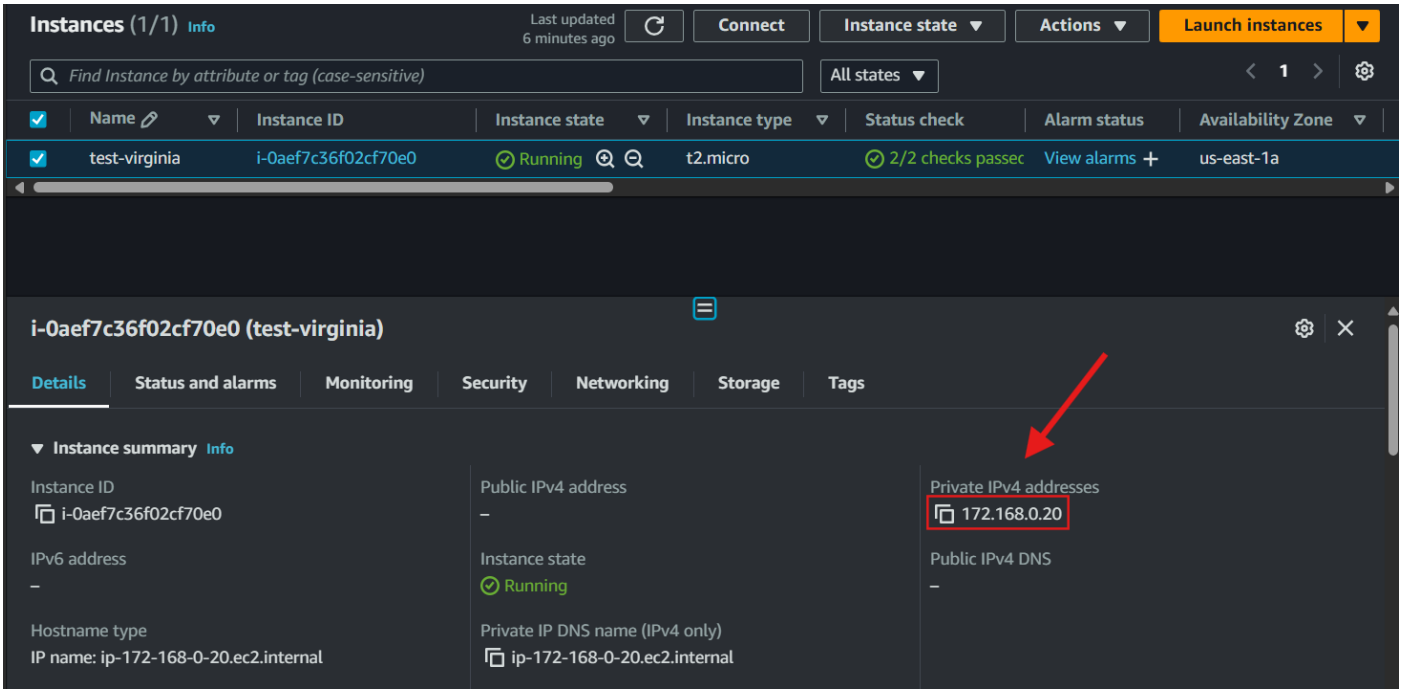


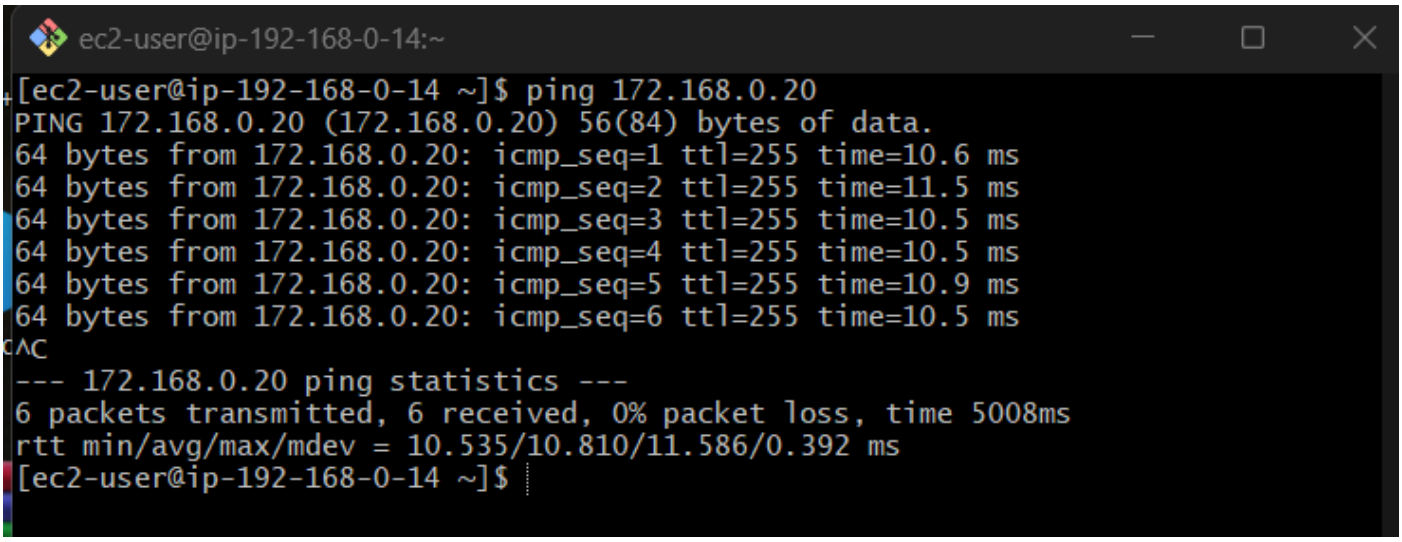
*ONE IN PRIVATE RT



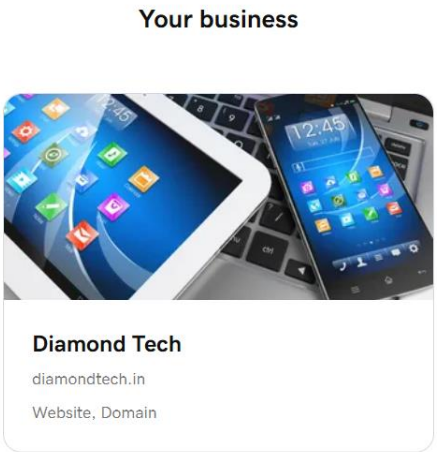
*CREATE EC2 INSTANCE IN BOTH REGIONS (1 WITH PUBLIC SUBNET AND OTHER WITH PRIVATE SUBNET)

*LOGIN IN WITH THE INSTANCE WHICH HAS IGW THE PUBLIC ONE AND TRY PING THE PRIVATE IP OF INSTANCE CRETAED WITH PRIVATE SUBNET WITH NO IGW

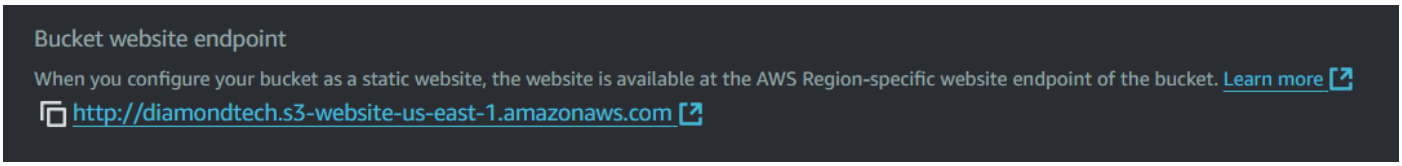




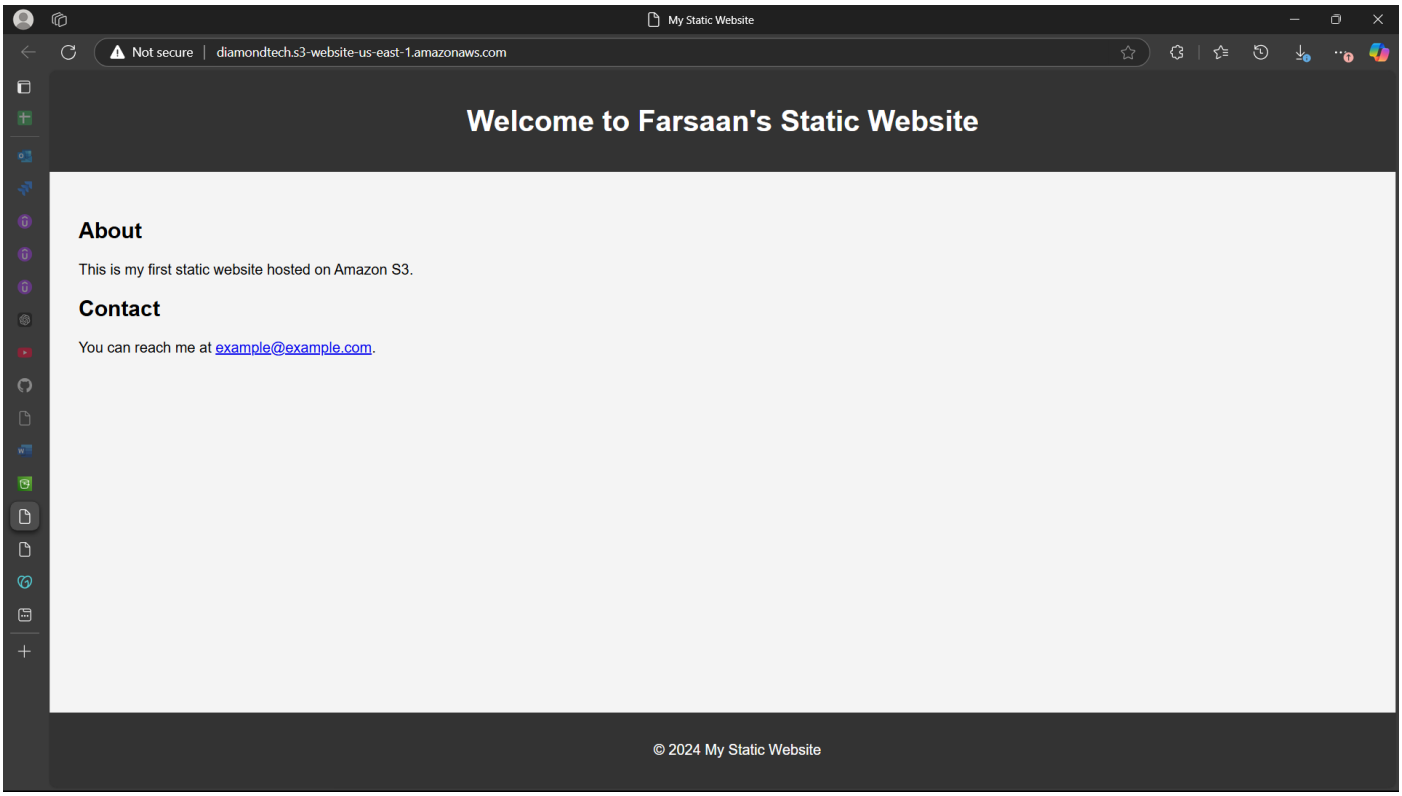
2) PURCHASE ONE DOMAIN FROM GODADDY.



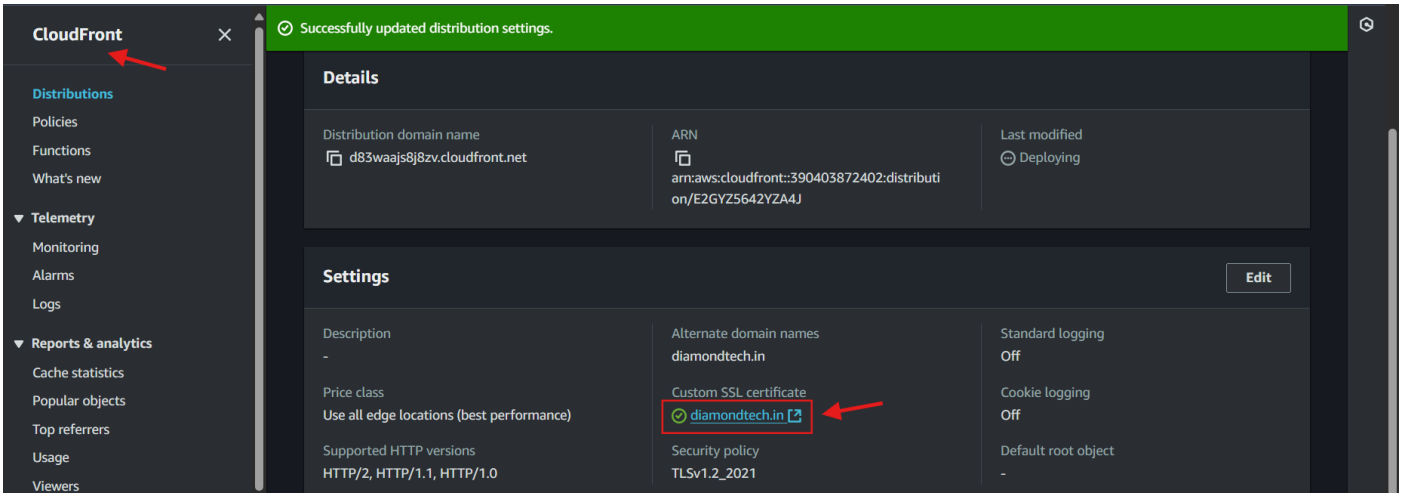
3) DEPLOY STATIC WEBSITE IN S3.



*CHECKING THE WEBSITE BY THE LINK OF S3 BUCKET

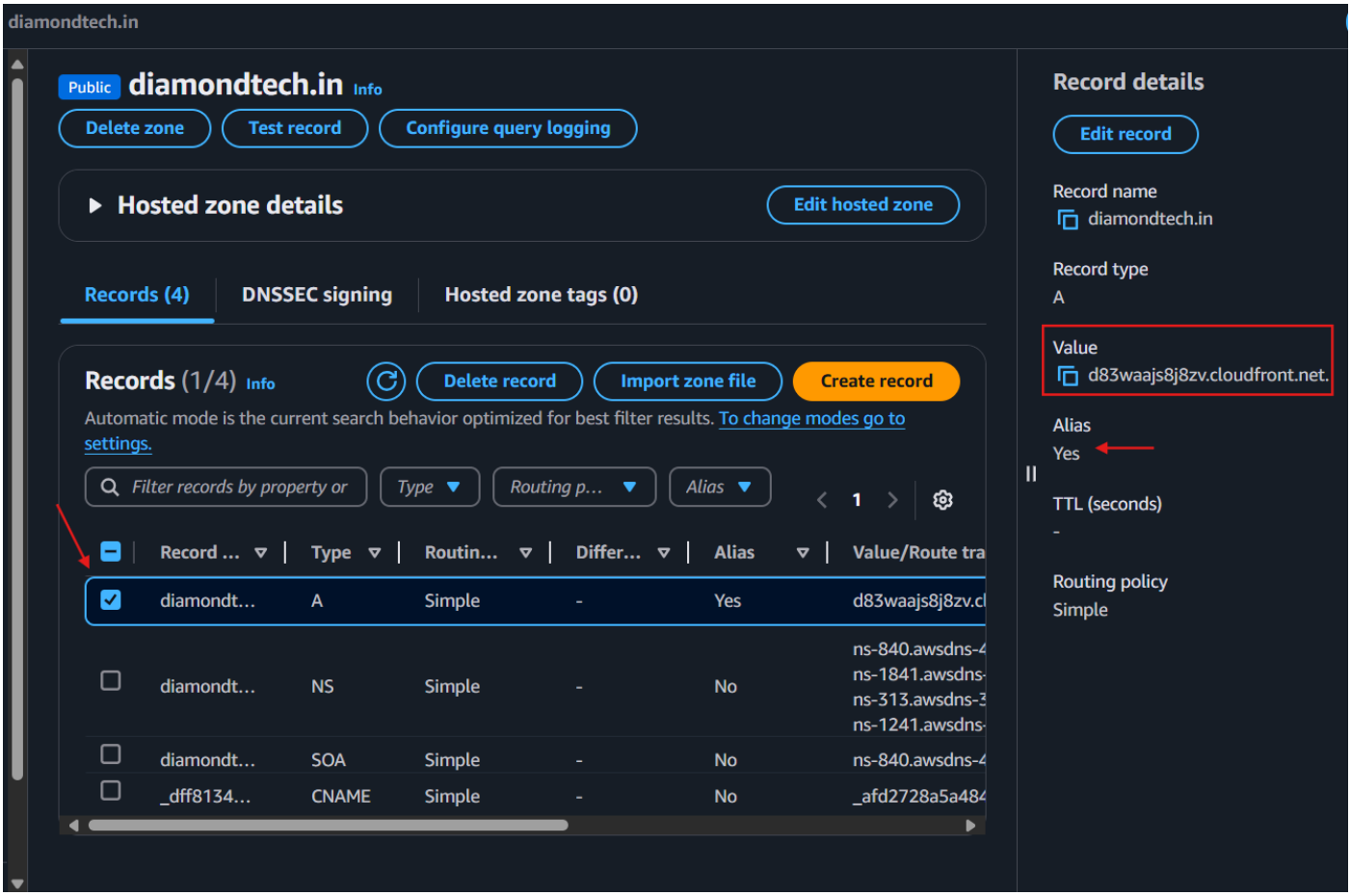


4) CREATE CDN AND ATTACH ONE SSL CERTIFICATE.

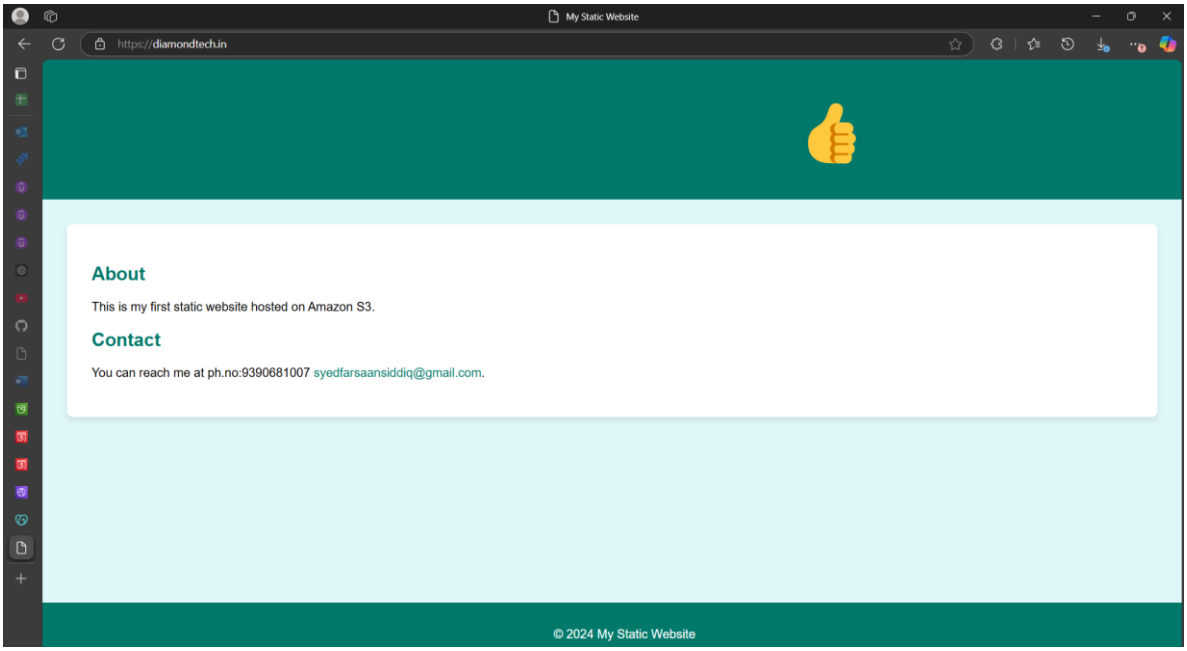


5) CREATE ROUTE53 HOSTED ZONE AND MAP THE DOMAIN WITH CDN.

*create record in route53 and click alias and select cloudfront and the vale of cloudfront



6) UPDATE THE INDEX.HTML IN S3 BUCKET AND THE UPDATED FILE SHOULD BE ACCESSIBLE BY USING DOMAIN NAME.



7) SHARE THE DOMAIN NAME IN SLACK TO TEST THE CONNECTIVITY.