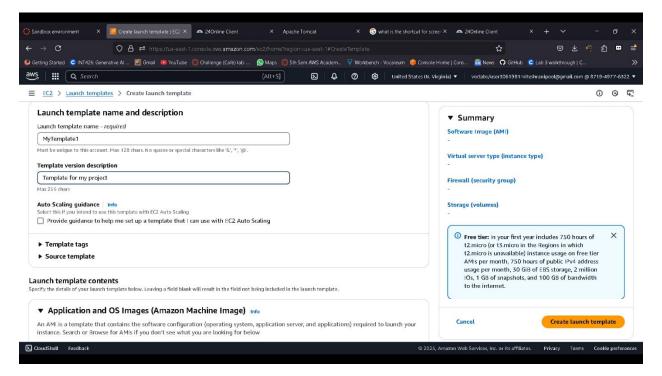
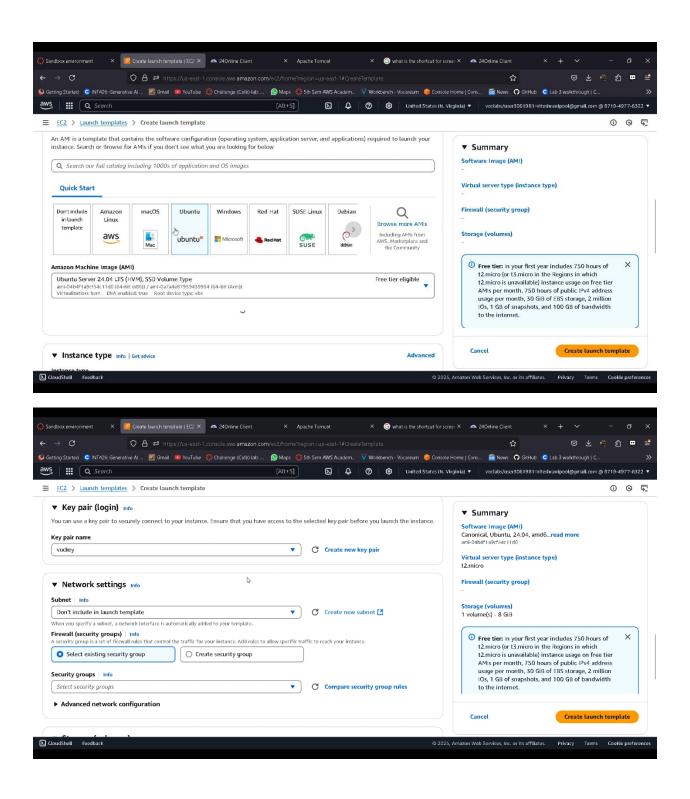
HACKATHON: PROMPT BUILDER 2025

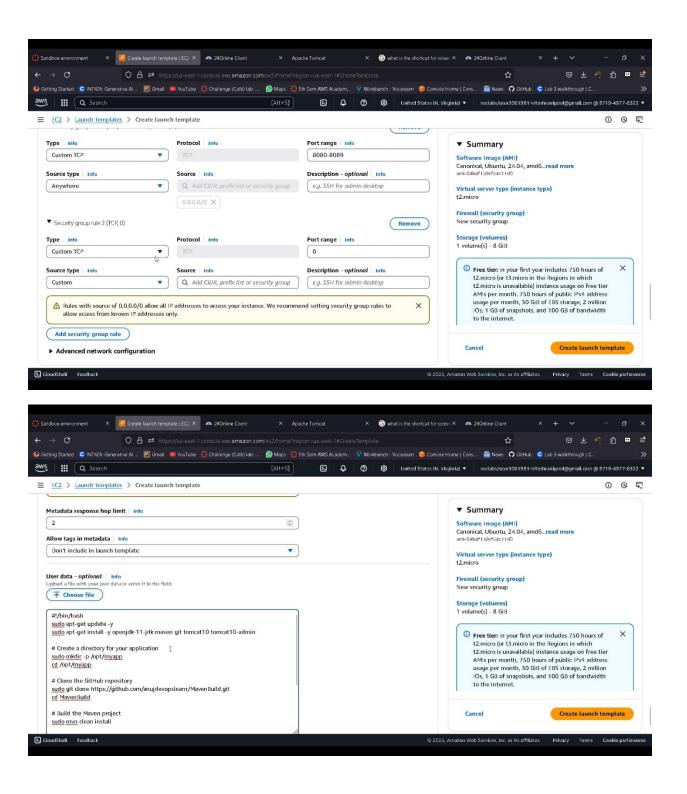
TOPIC: Build an auto-scaling cloud architecture for streaming platforms

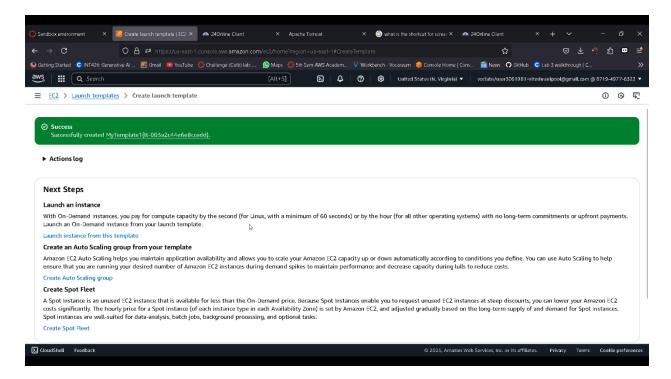
Step 1: First We have created an Launch Template which automatically creates EC2 and required templates.

Below are the screenshots of the steps for launch template.



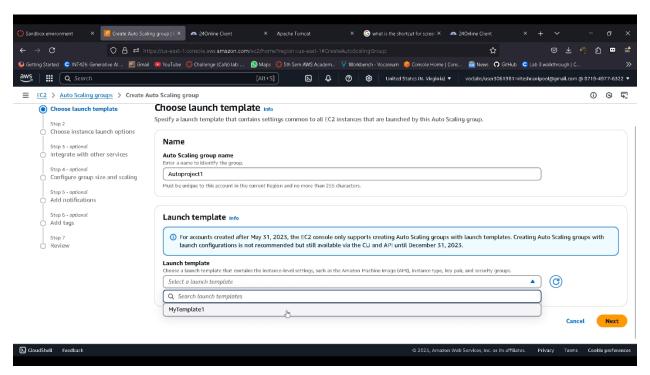


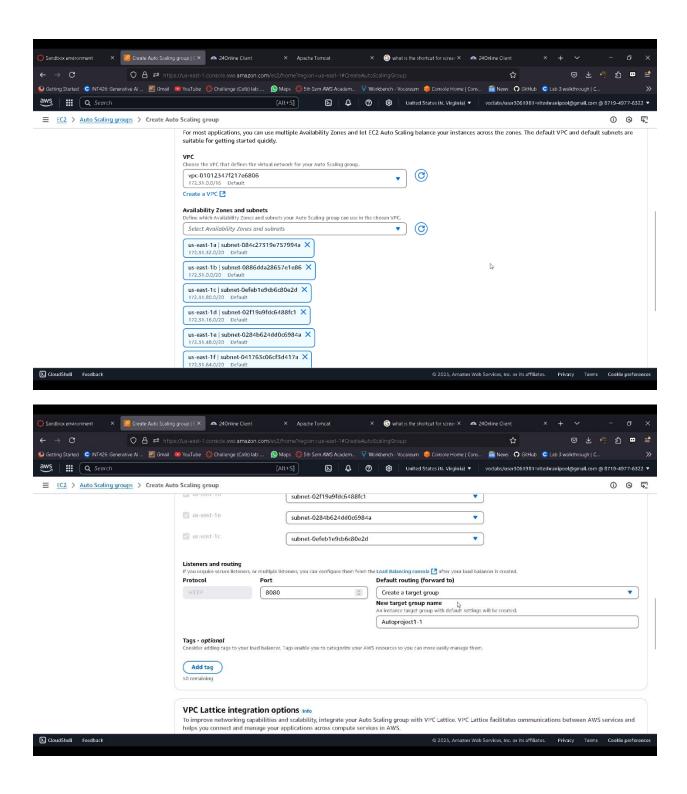


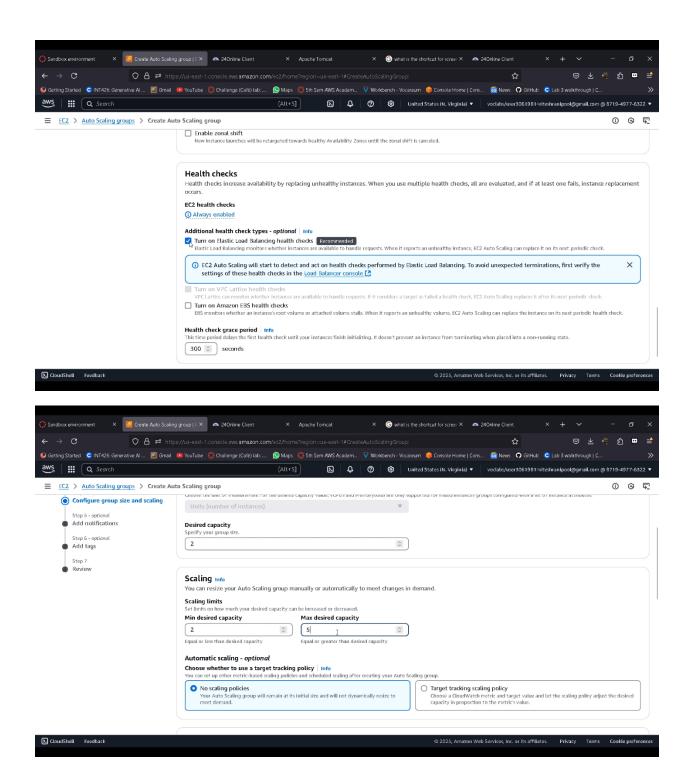


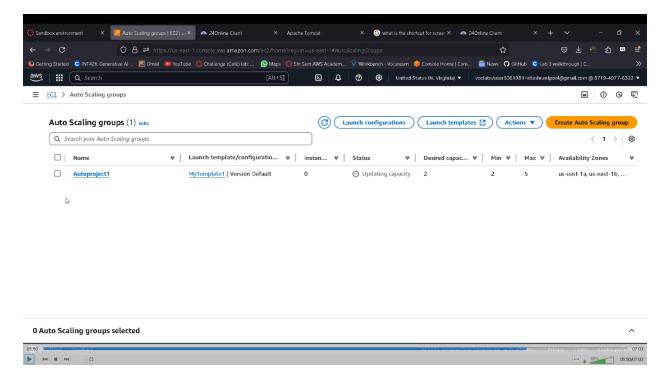
Step 2: We have created an autoscaling group so that the traffic on the page could be distribute across the replica of the EC2 instance .To help in distribute traffic across the network Load Balancer is automatically applied to the Auto Scaling group.

Below are the screenshots of the steps of Auto Scaling performed.

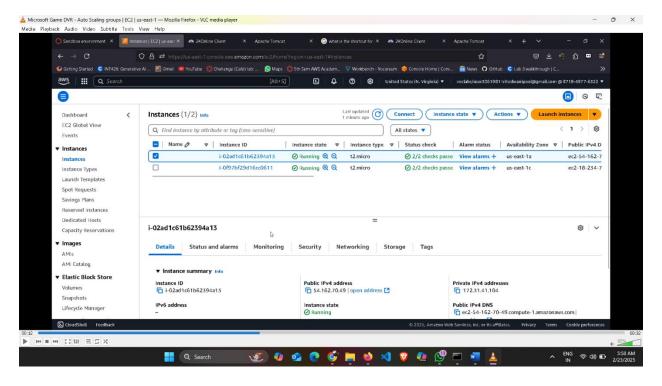


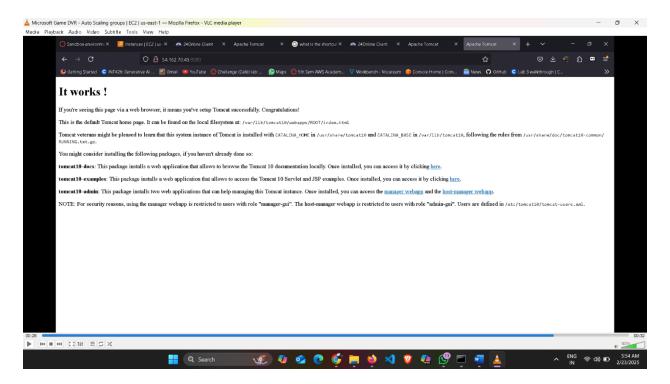






Step 3: After creating Auto Scaling Group we have navigate to EC2 which was created ,click on the EC2 and copied the public IPV4 address and paste it to the browser with port 8080 which was 54.162.70.49:8080





Step 4: Finally we have check the performance of the site through BlazeMeter.

