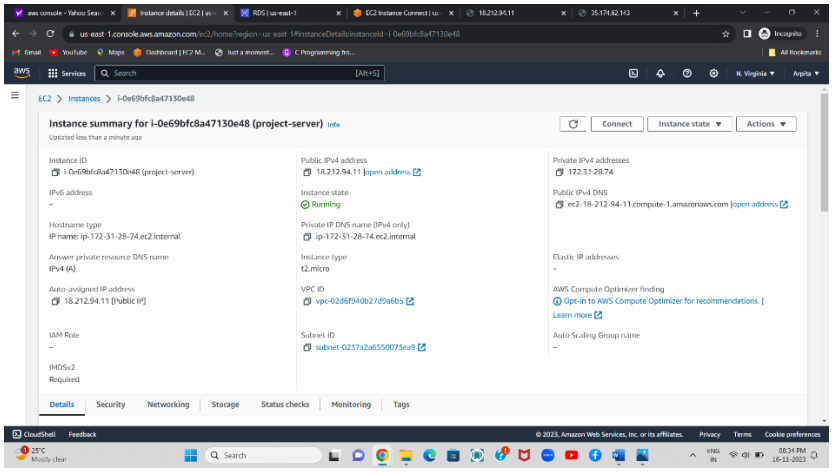
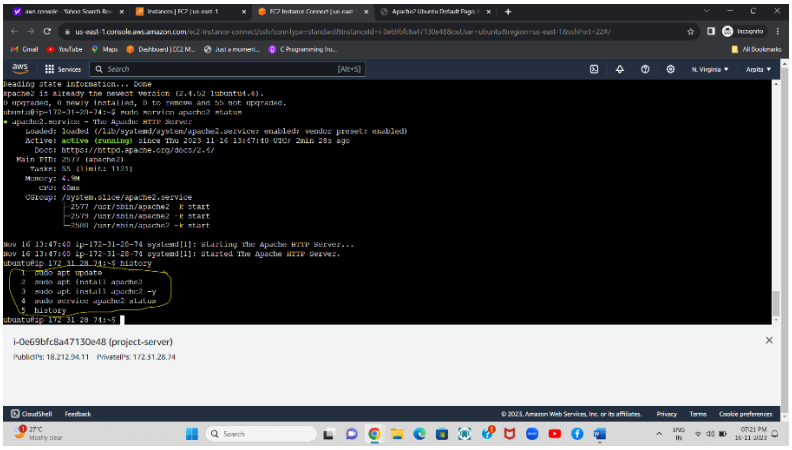
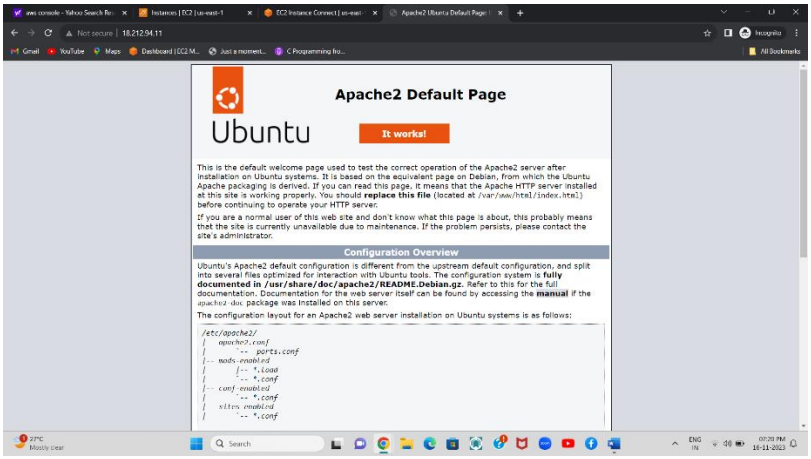
Project 1 Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) cloud. Using Amazon EC2 eliminates your need to invest in hardware up front so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic.

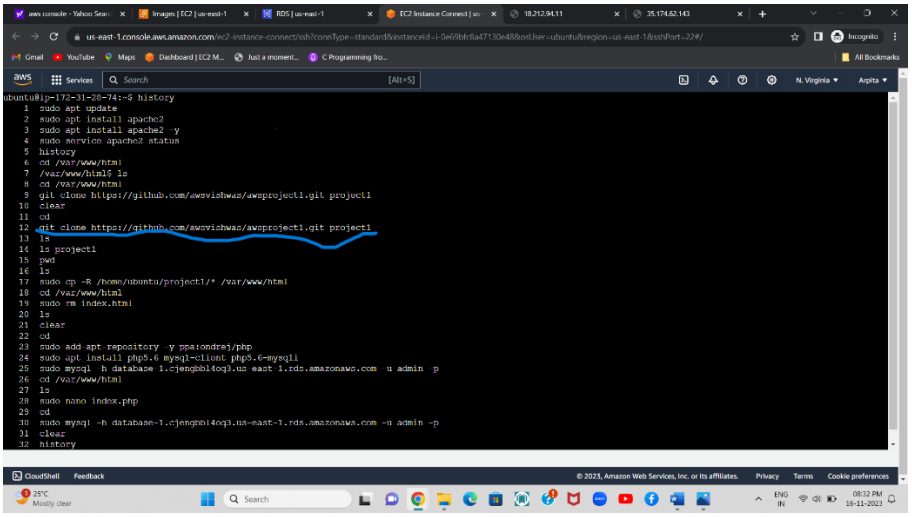


Step 1: Launch an EC2

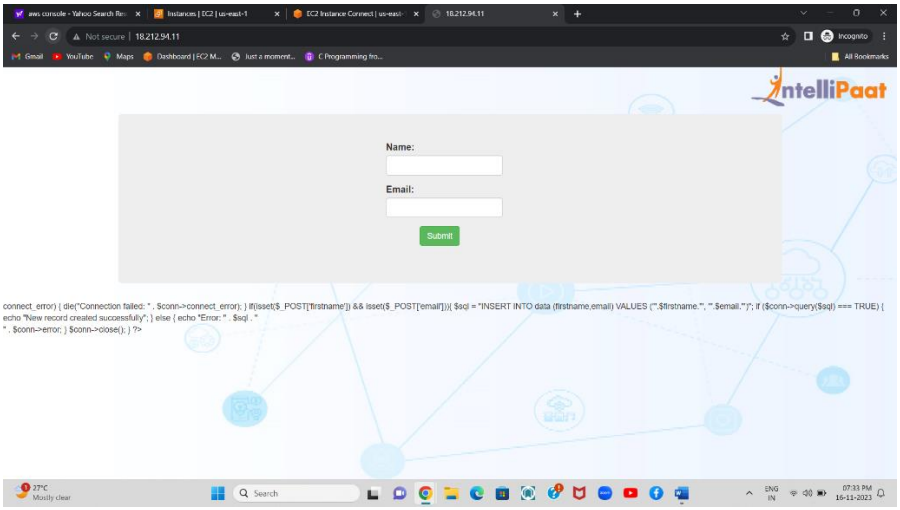




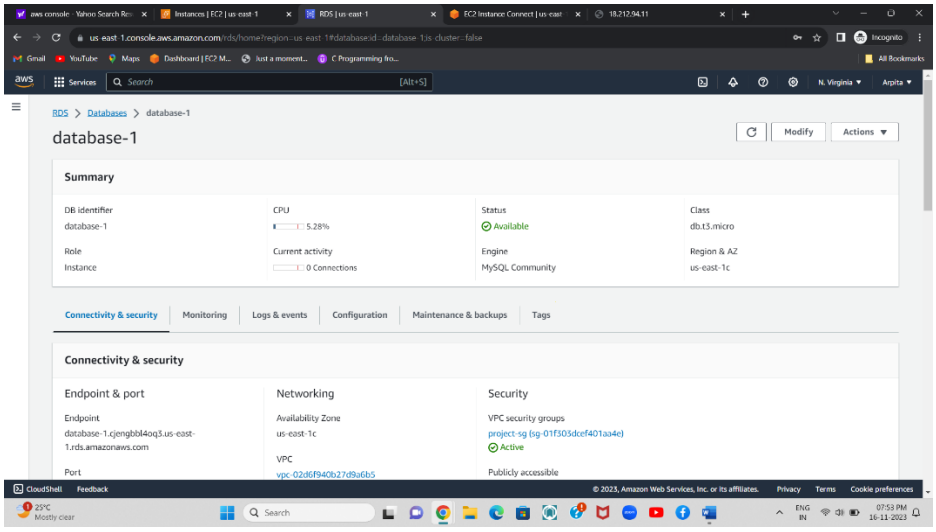
Step 2 : Install apache2 server



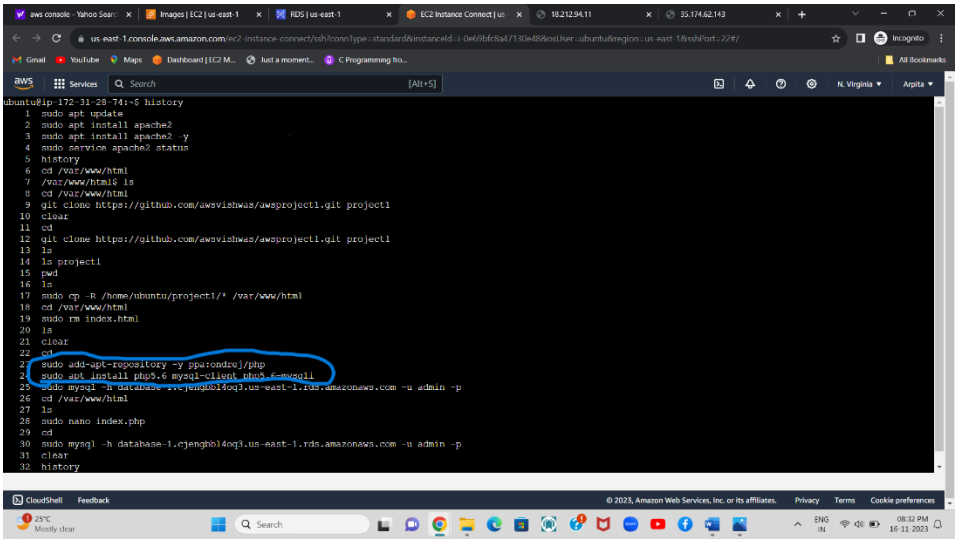
Step 3: Replace the file within the server



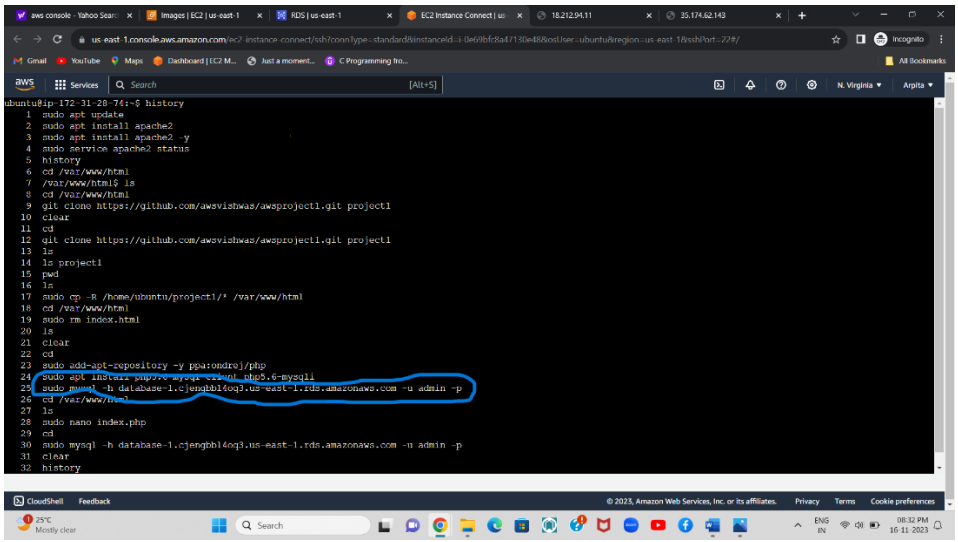
Step 4: Frontend page



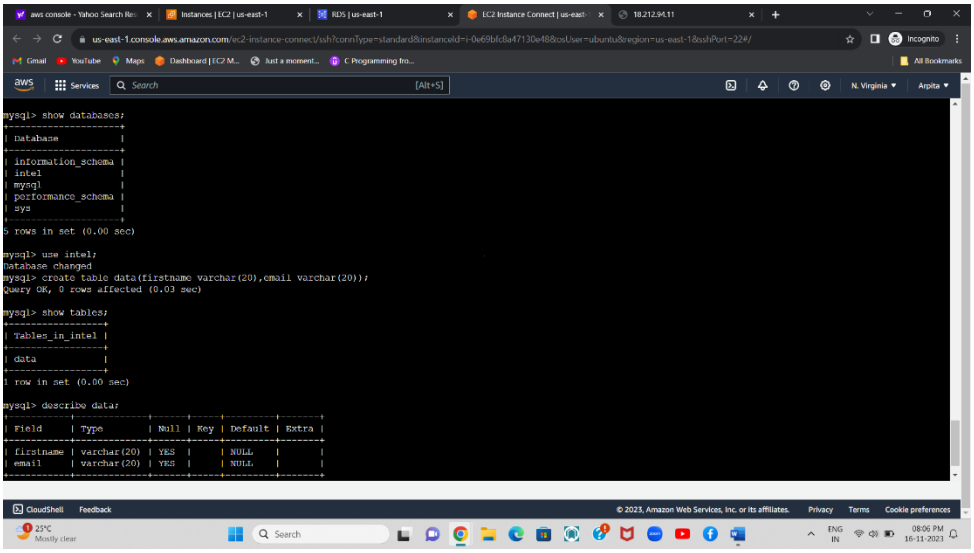
Step 5: Create RDS



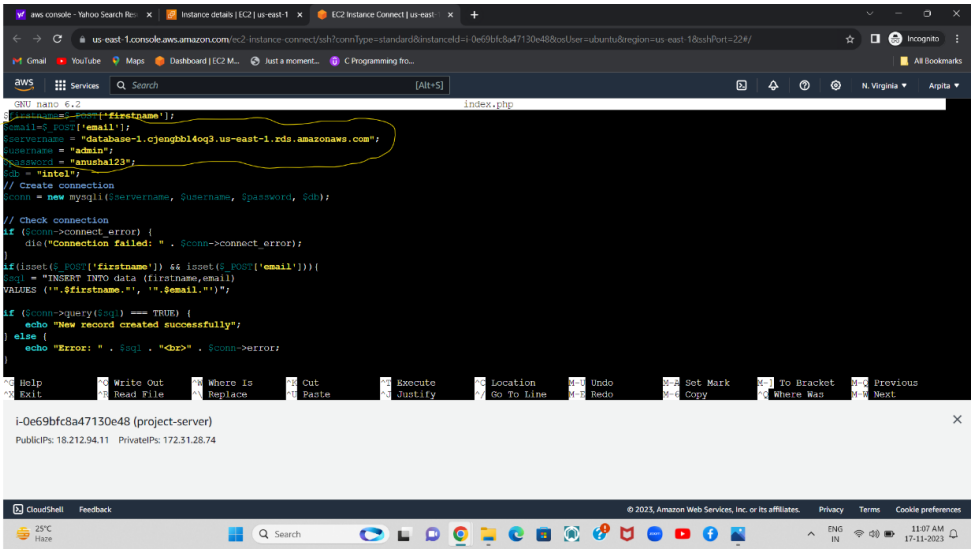
Step 6: Install packages



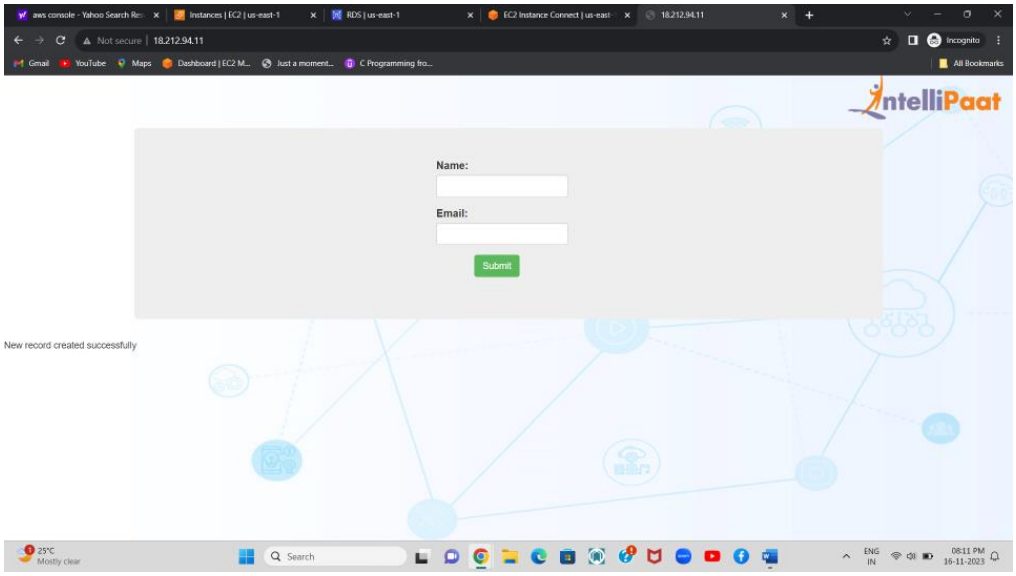
Step 7: Connect to EC2 instances

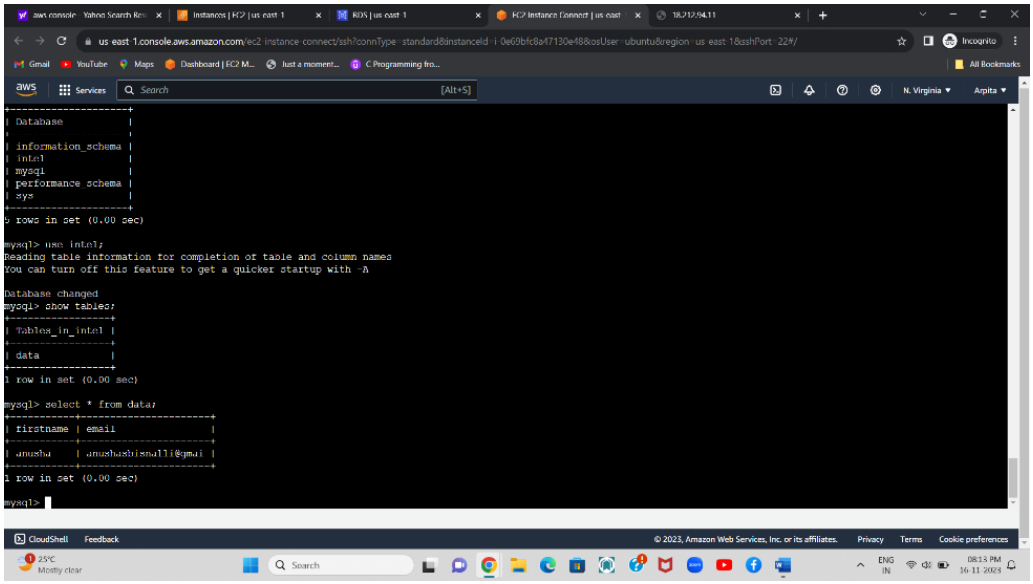


Step 8: Create the table and describe the data.

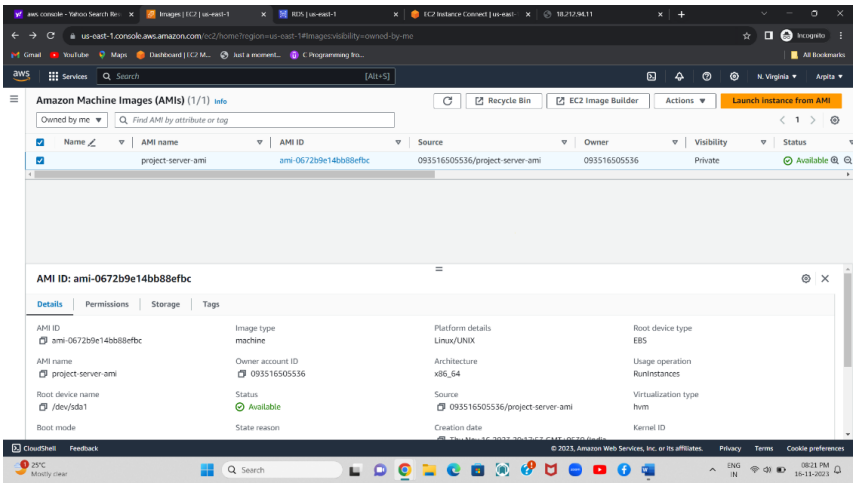


Step 9: Edit user & password in index.php file

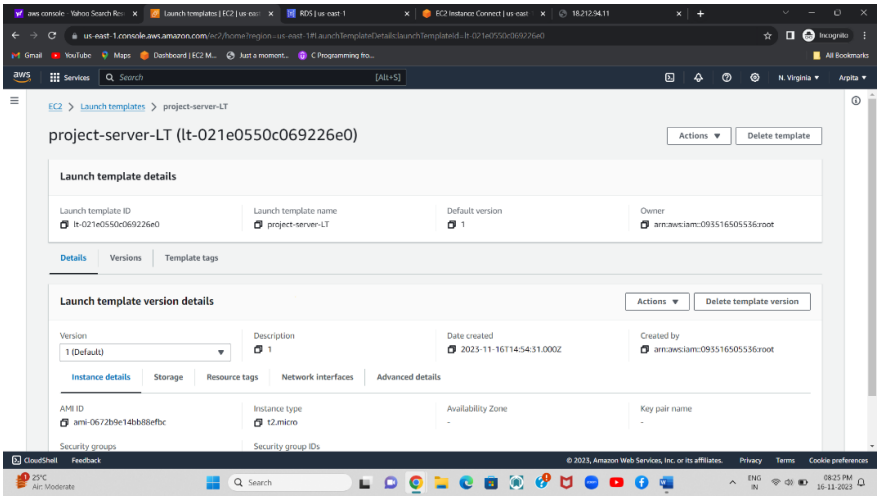




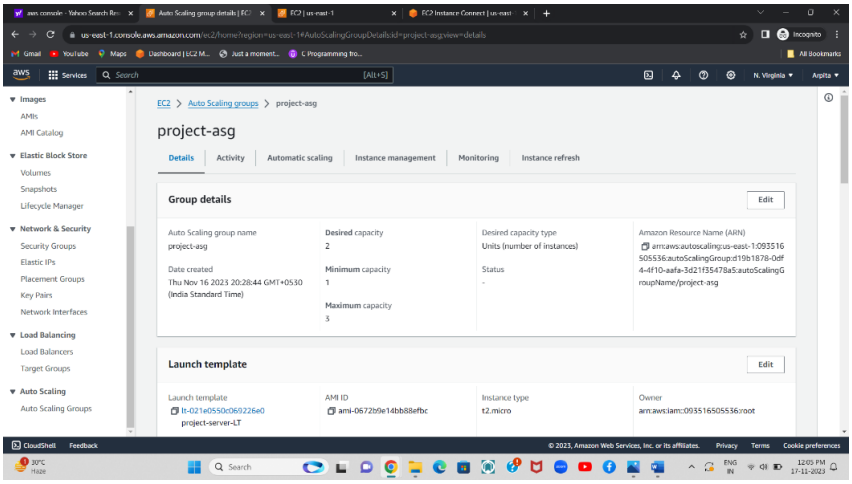
Step 10: Data is stored in rds



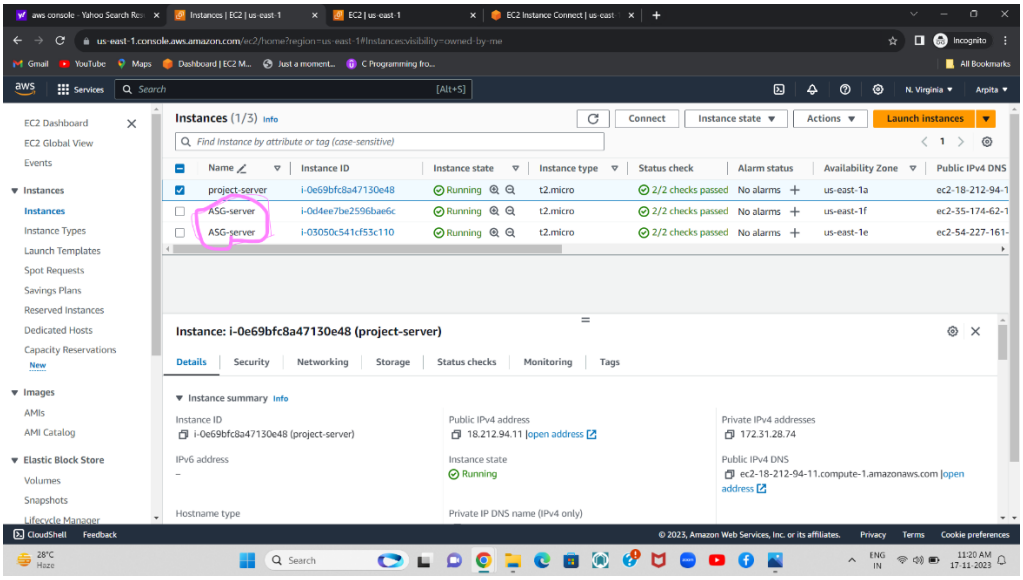
Step 11: Create ami from project server

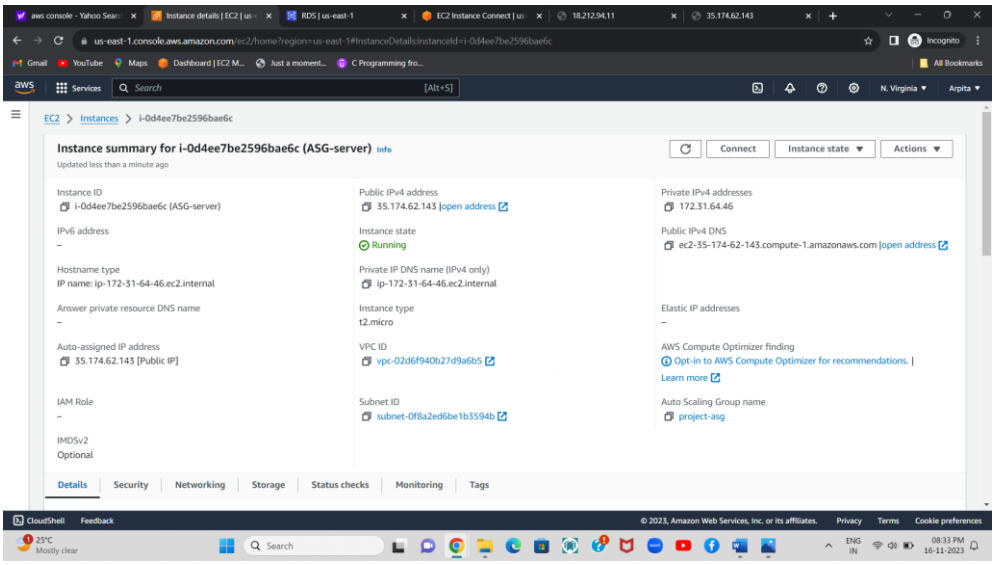


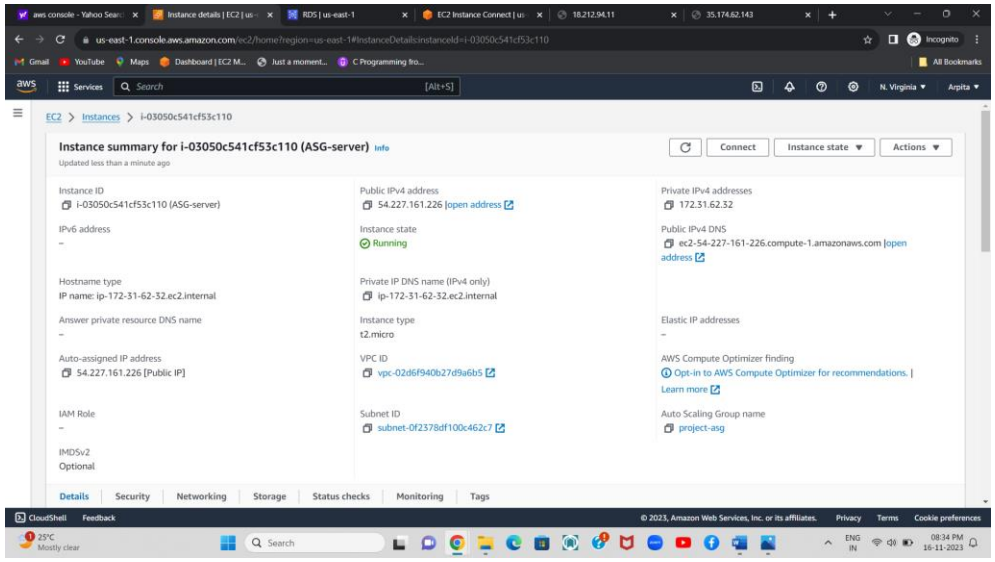
Step 12: Create launch template



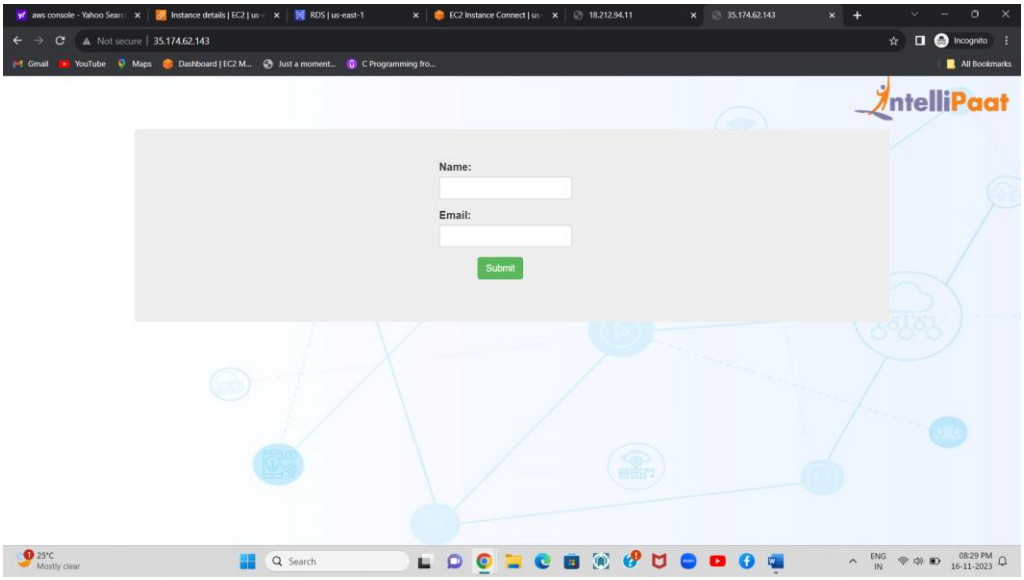
Step 13: Create Autoscaling group







Step 14: Autoscaling servers



Step 15: Webpage from autoscaling server