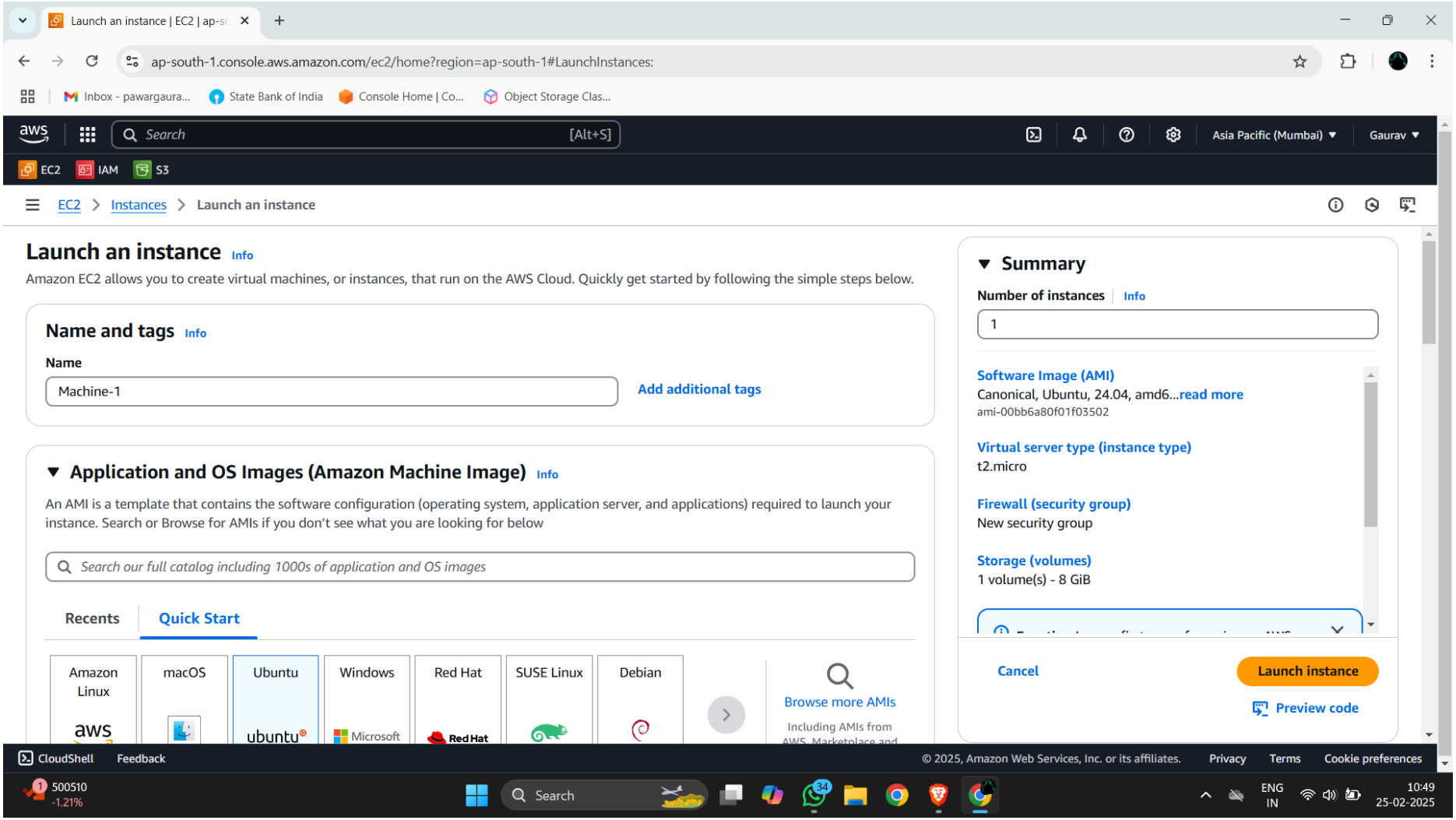
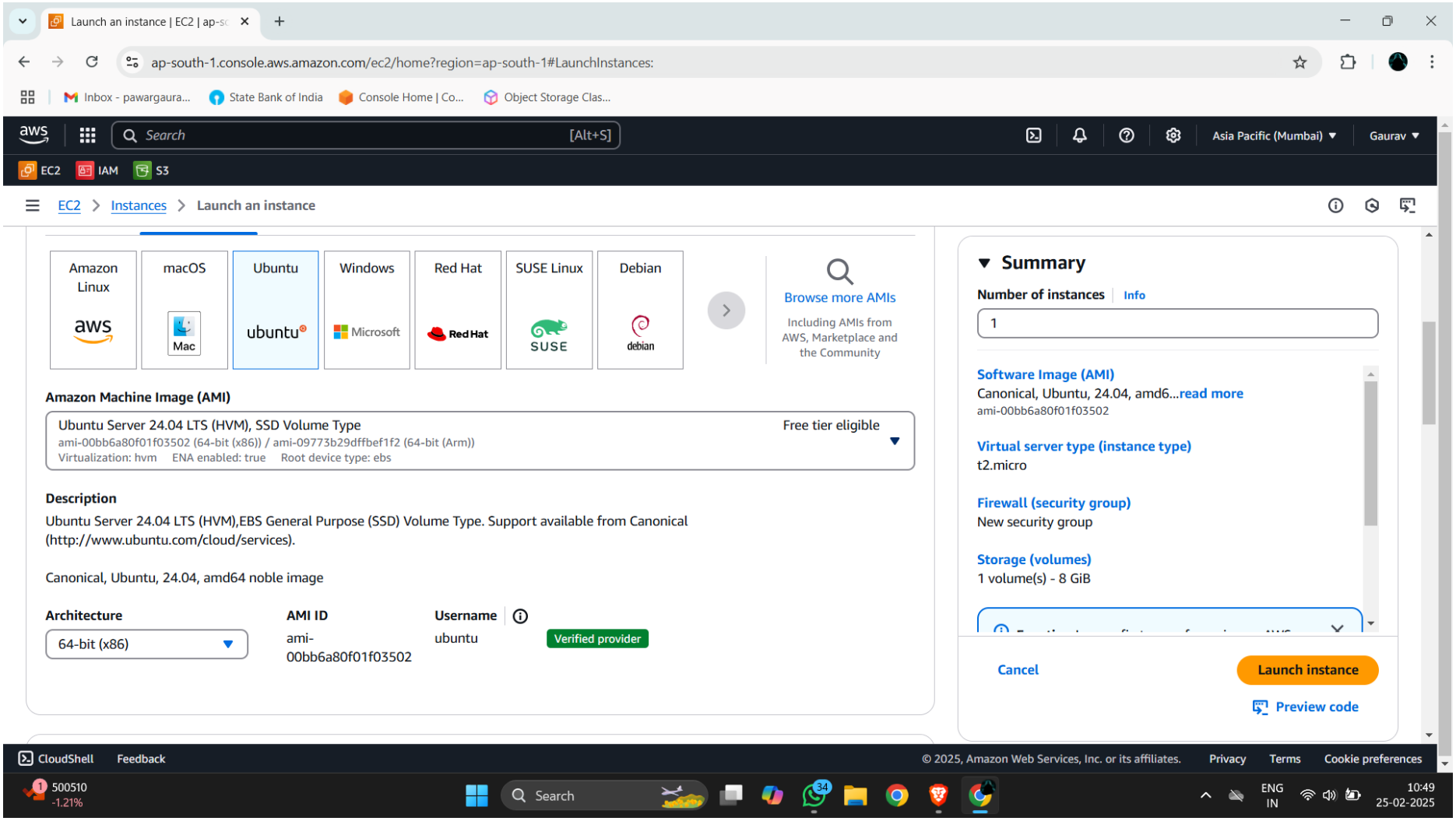
Project 2: Hosting a Website on AWS EC2

1: Launch and Connect to an EC2 Instance

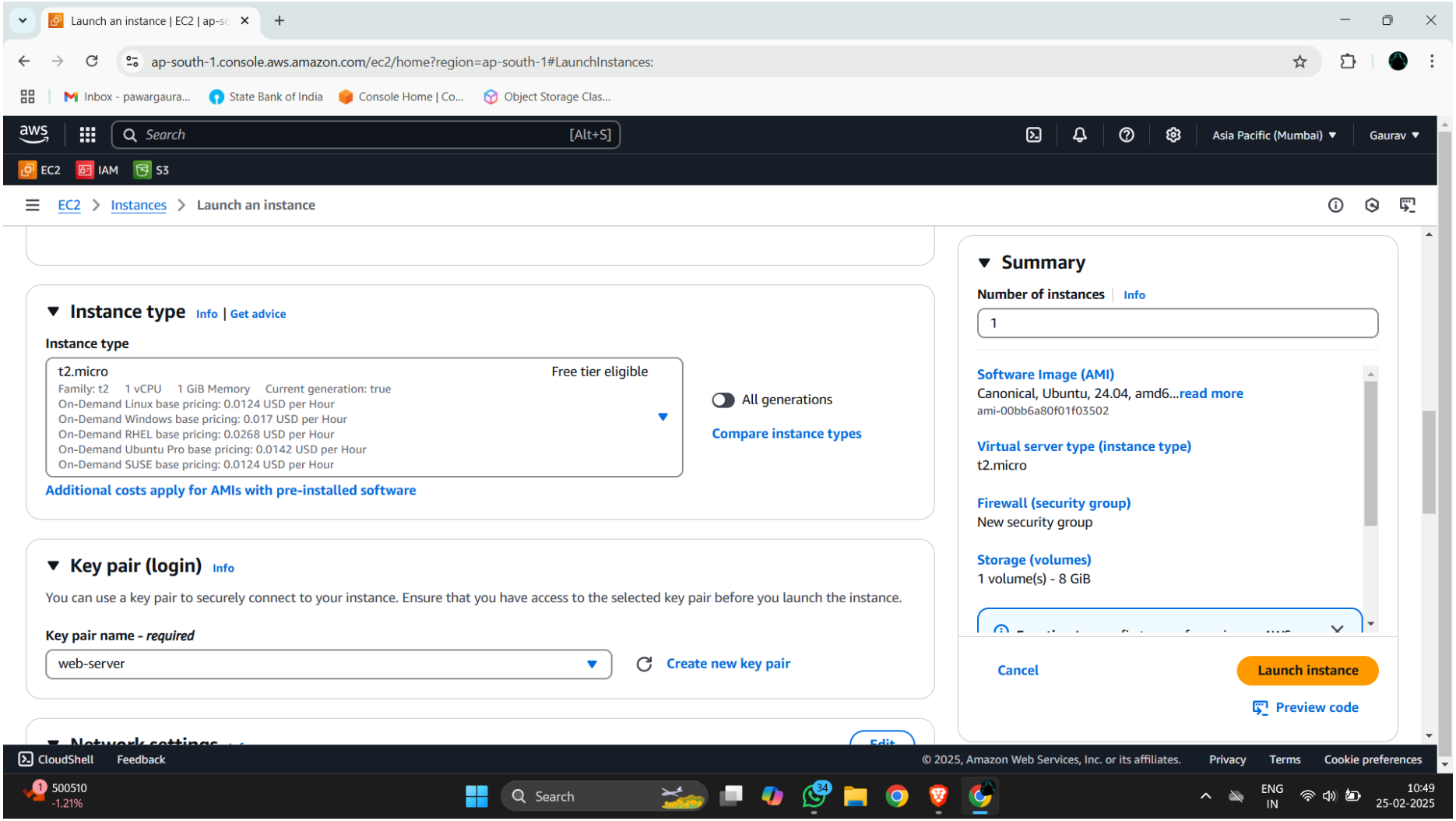


2. Choose an Amazon Machine Image (AMI) (e.g., Ubuntu, Amazon Linux).

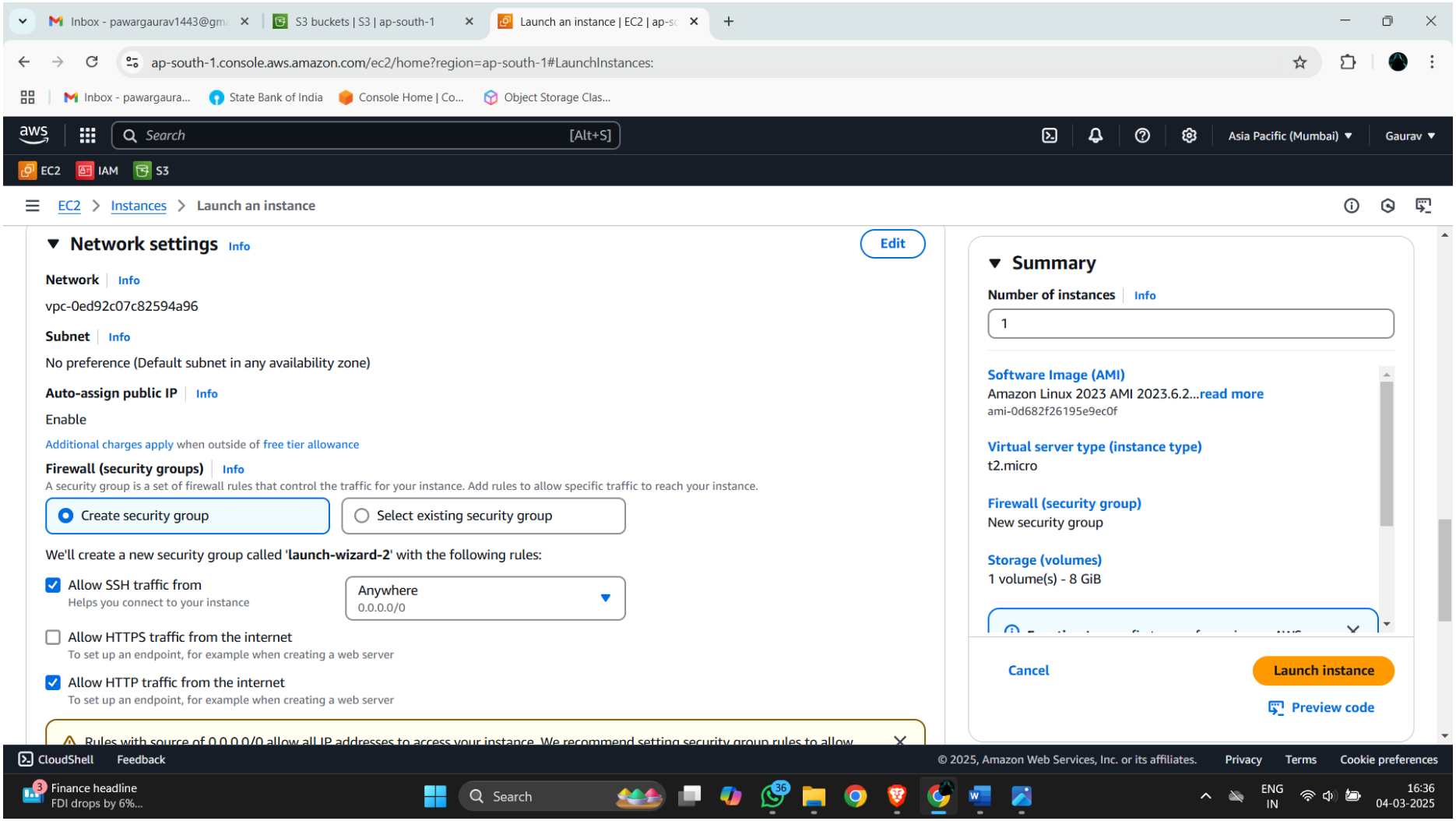


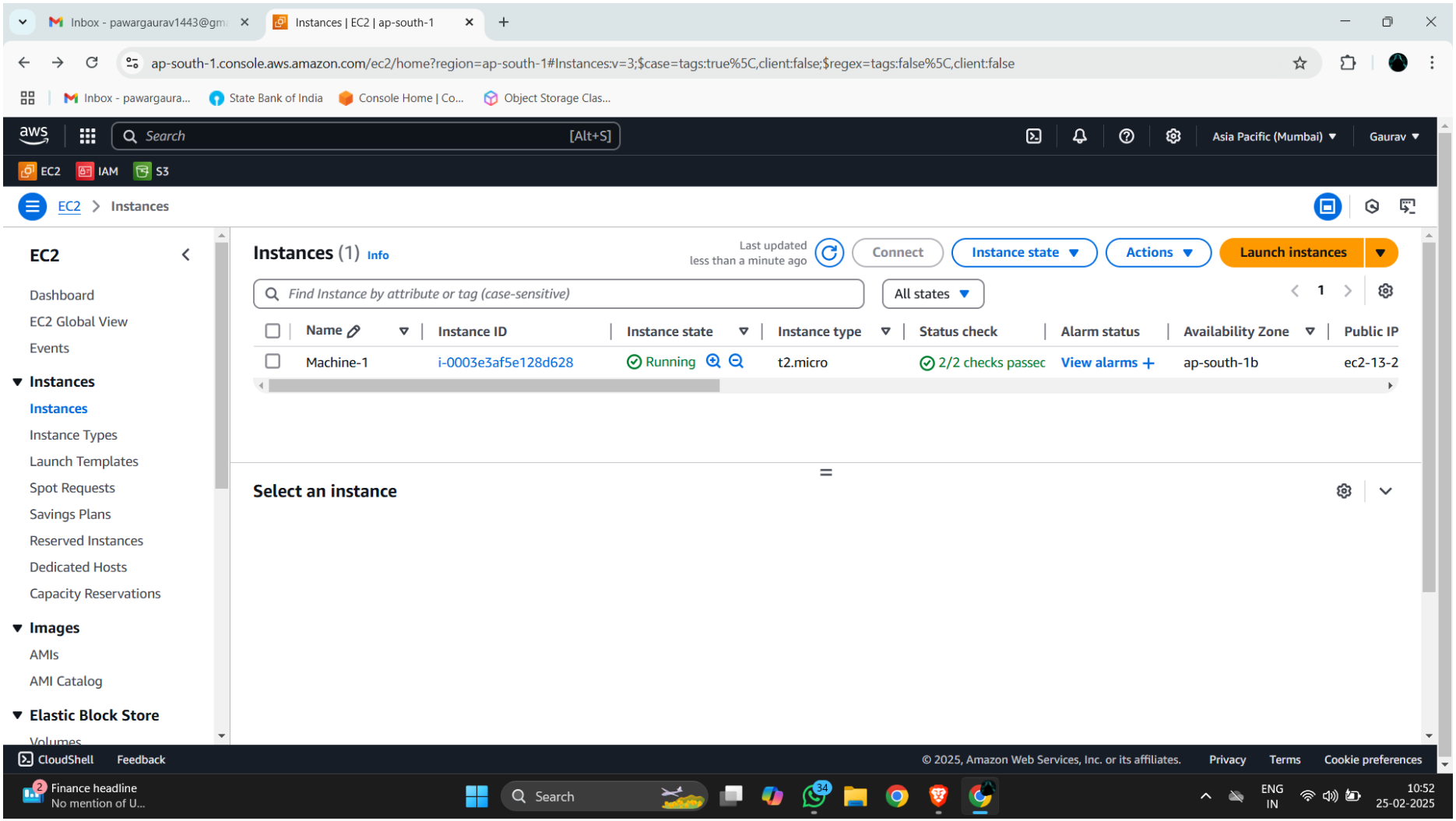
3. Select an instance type (e.g., t2.micro for free tier).

4. Choose an existing key pair or create a new one for SSH access.



5. Configure instance details and set up security groups




Inbox - pawargaurav1443@gm
Instances | EC2 | ap-south-1
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:v=3;$case=tags:true%5C,client:false;$regex=tags:false%5C,client:false
Inbox - pawargaura...
State Bank of India
Console Home | Co...
Object Storage Clas...
Search
[Alt+S]
Asia Pacific (Mumbai)
Gaurav
EC2
IAM
S3
EC2 > Instances
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Instances (1) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IP
Machine-1
i-0003e3af5e128d628
Running
t2.micro
2/2 checks passec
View alarms
ap-south-1b
ec2-13-2
Select an instance
CloudShell
Feedback
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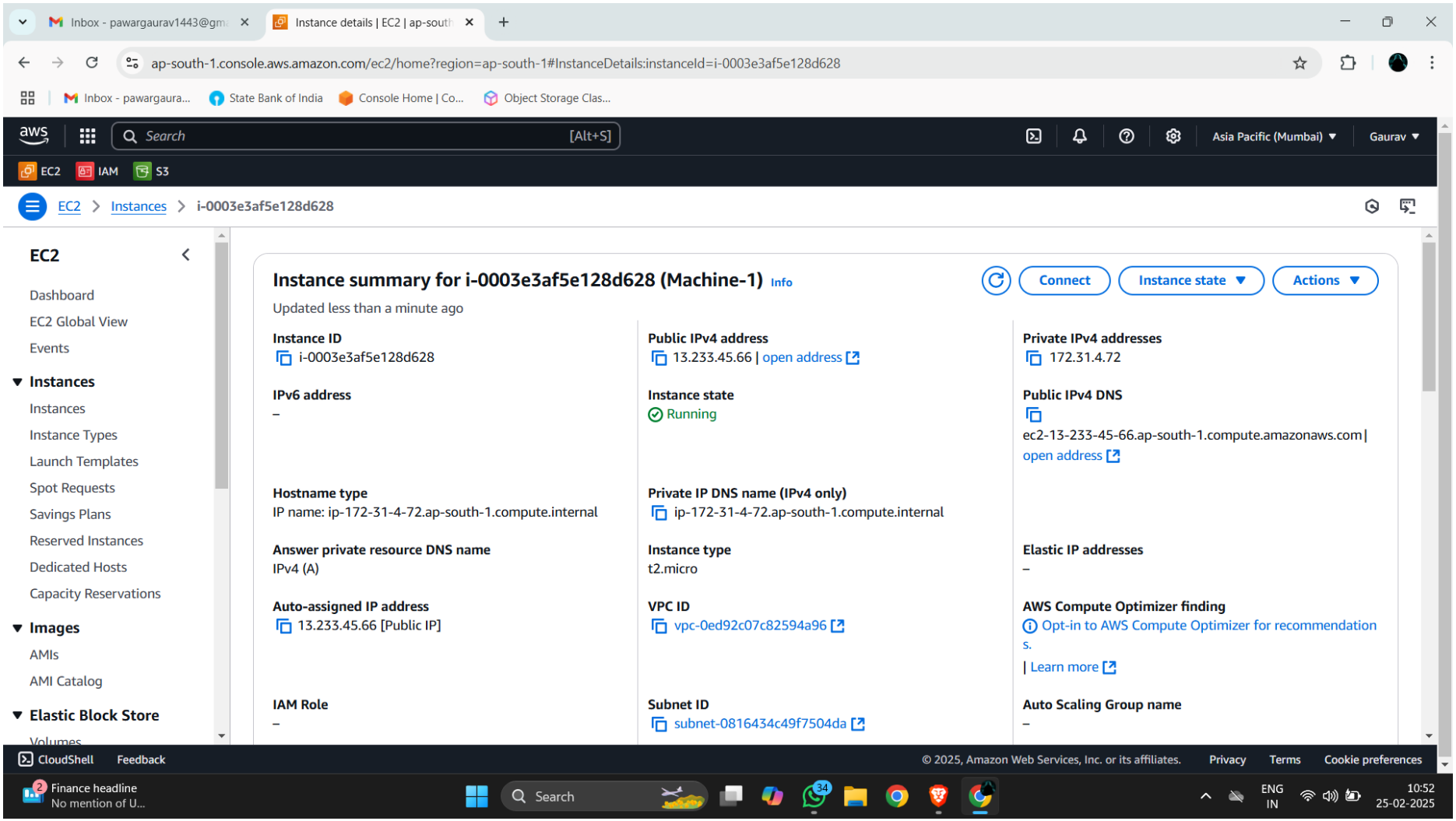
Privacy
Terms
Cookie preferences
Finance headline
No mention of U...
Search
ENG
IN
10:52
25-02-2025


Inbox - pawargaurav1443@gm
Instance details | EC2 | ap-south
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-0003e3af5e128d628
Inbox - pawargaura...
State Bank of India
Console Home | Co...
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Asia Pacific (Mumbai)
Gaurav
EC2
IAM
S3
EC2 > Instances > i-0003e3af5e128d628
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Instance summary for i-0003e3af5e128d628 (Machine-1) Info
Updated less than a minute ago
Connect
Instance state
Actions
Instance ID
i-0003e3af5e128d628
IPv6 address
–
Hostname type
IP name: ip-172-31-4-72.ap-south-1.compute.internal
Answer private resource DNS name
IPv4 (A)
Auto-assigned IP address
13.233.45.66 [Public IP]
IAM Role
–
Public IPv4 address
13.233.45.66 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-4-72.ap-south-1.compute.internal
Instance type
t2.micro
VPC ID
vpc-0ed92c07c82594a96
Subnet ID
subnet-0816434c49f7504da
Private IPv4 addresses
172.31.4.72
Public IPv4 DNS
ec2-13-233-45-66.ap-south-1.compute.amazonaws.com | open address
Elastic IP addresses
–
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations. | Learn more
Auto Scaling Group name
–
CloudShell
Feedback
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Cookie preferences
Finance headline
No mention of U...
Search
ENG
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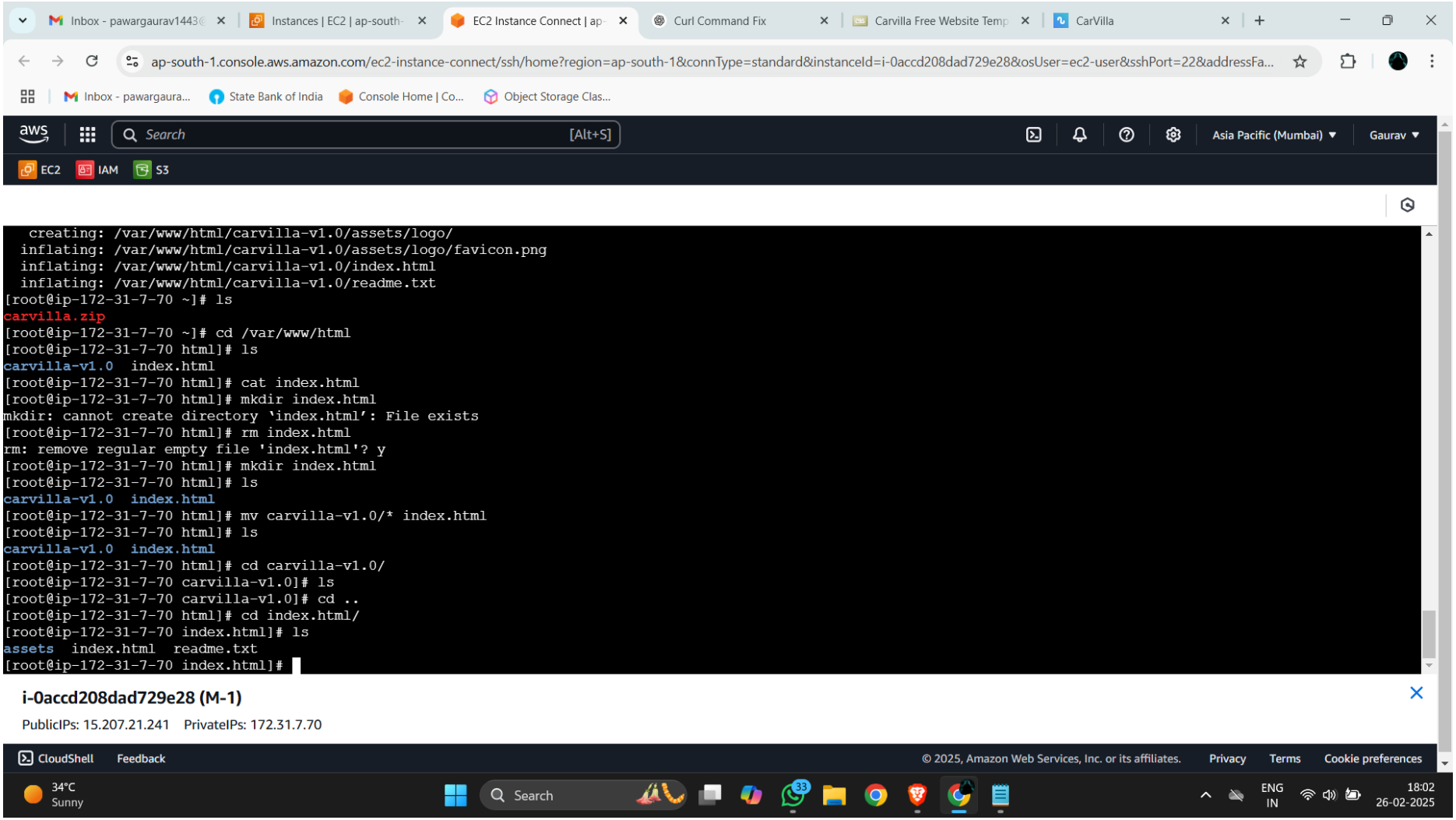
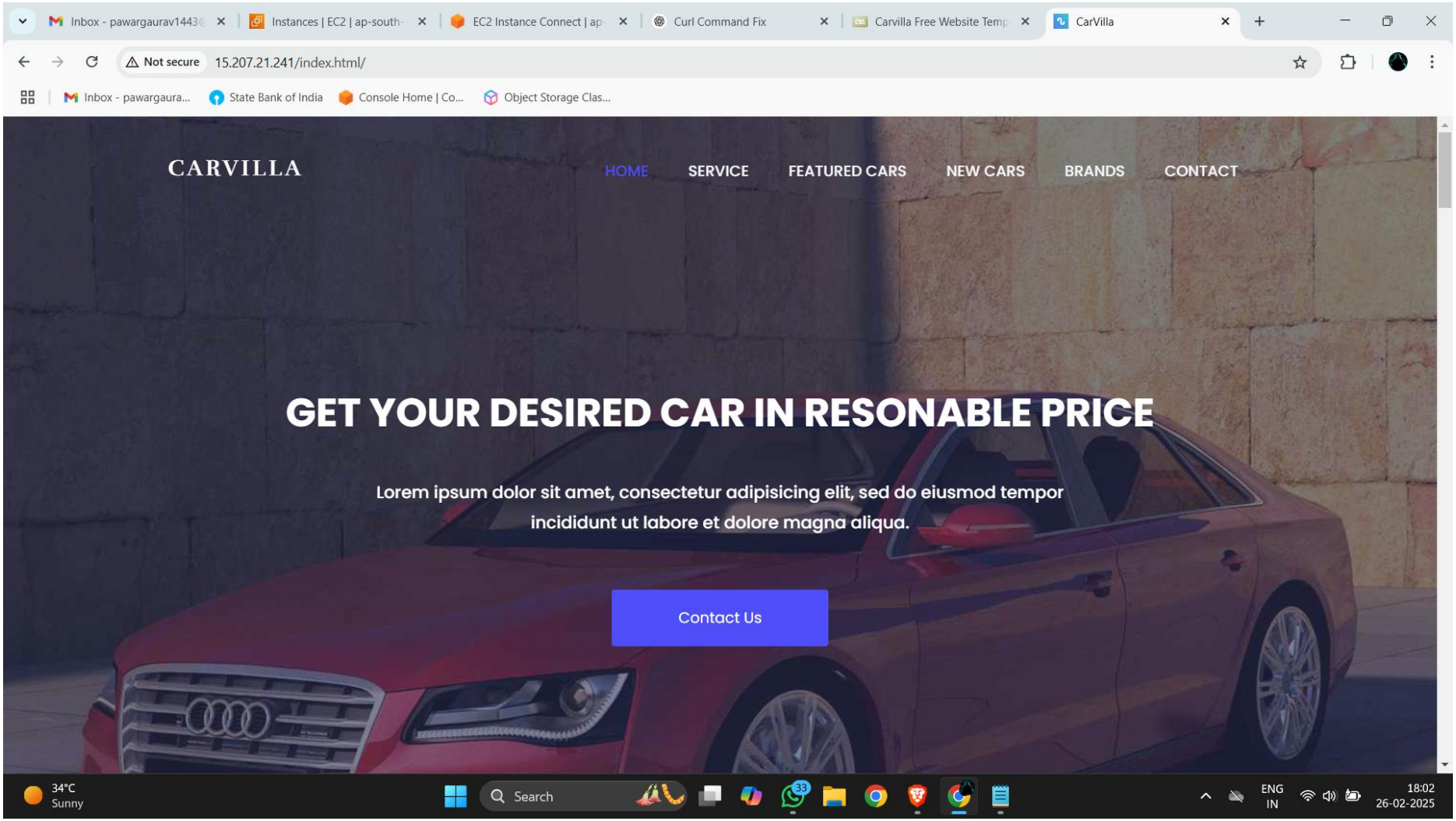
25-02-2025

6. Upload and Configure Website Files



7. Access Your Website