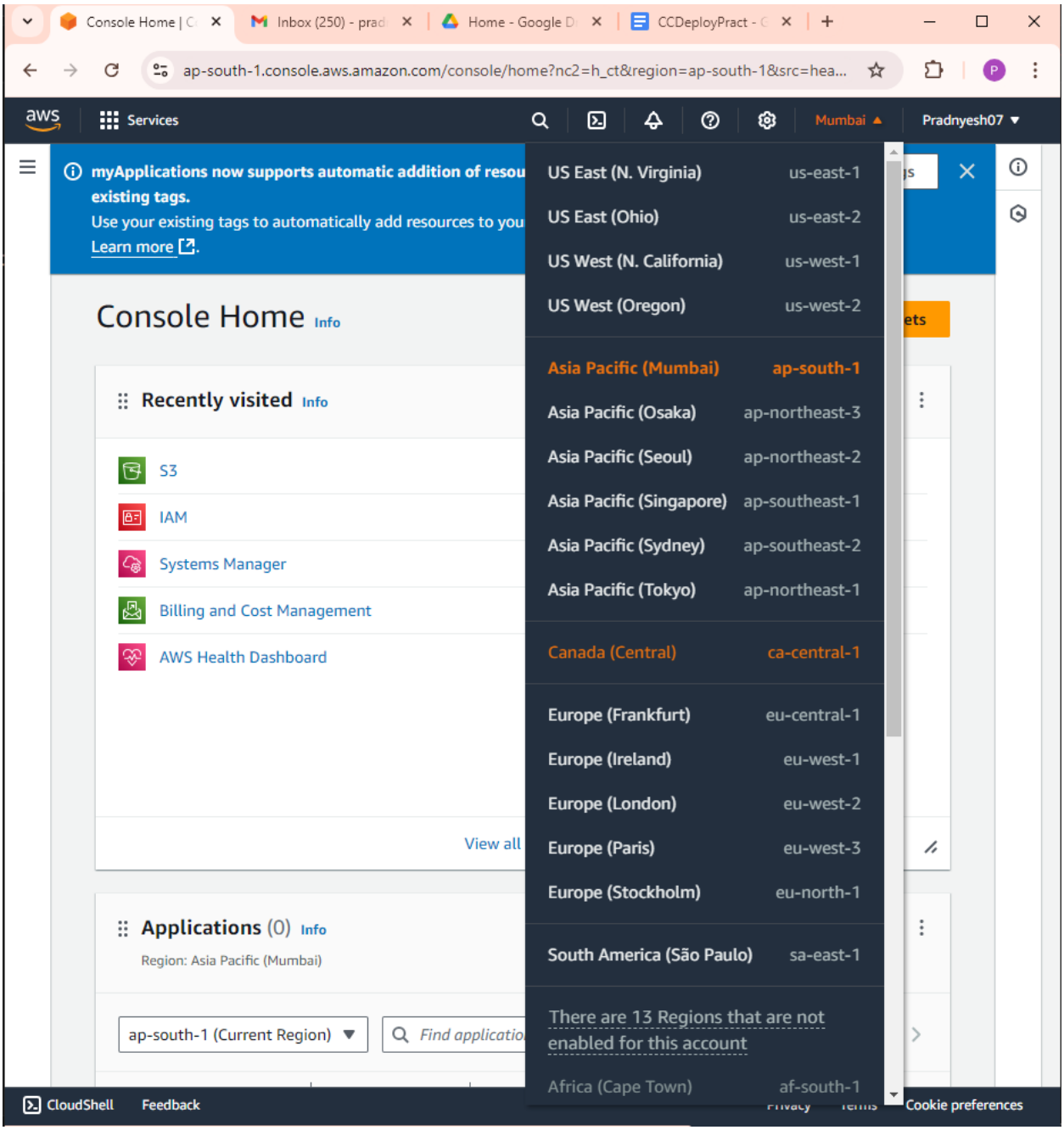
Practical 6

Name: PRADNYESH D PARMEKAR
Roll no:- L027
Sap no:- 40778240027

Step 1: Choose Your Region



Step 2: Create a Security Group

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- Navigate to the AWS Management Console and search for "VPC."
- Select "VPC" under services in the search results.
- Scroll down to "Security Groups" in the VPC navigation pane.
- Click "Create Security Group."
- Provide a name and description for the security group.
- Select the appropriate VPC if you have multiple.
- Under Inbound rules, add a rule for HTTP (port 80) with the source set to "anywhere IPv4."
- Add a rule for SSH (port 22) with the source set to "My IP" for added security.
- Create the security group.

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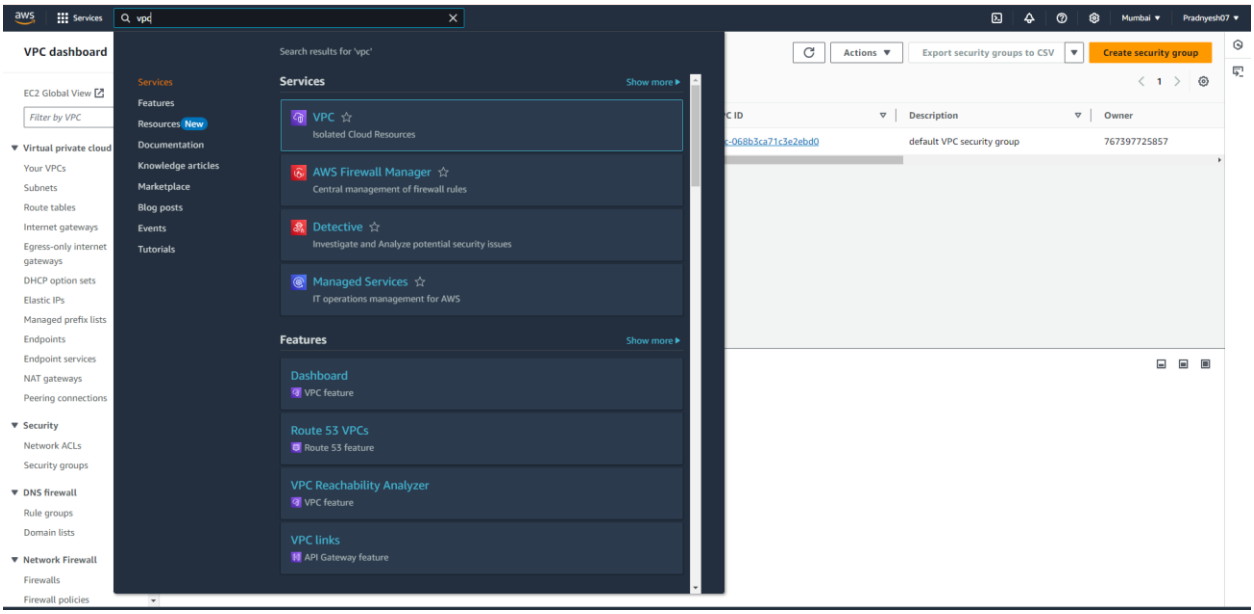

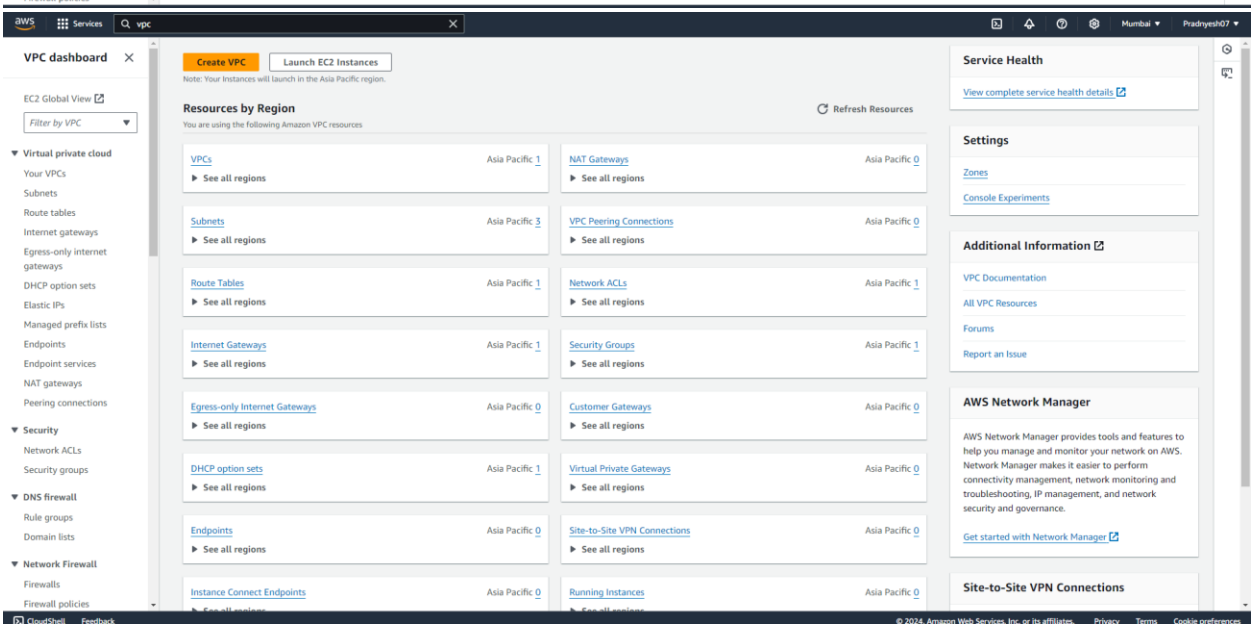

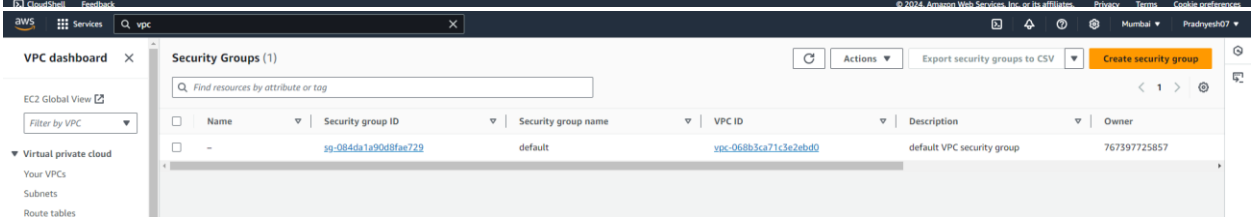

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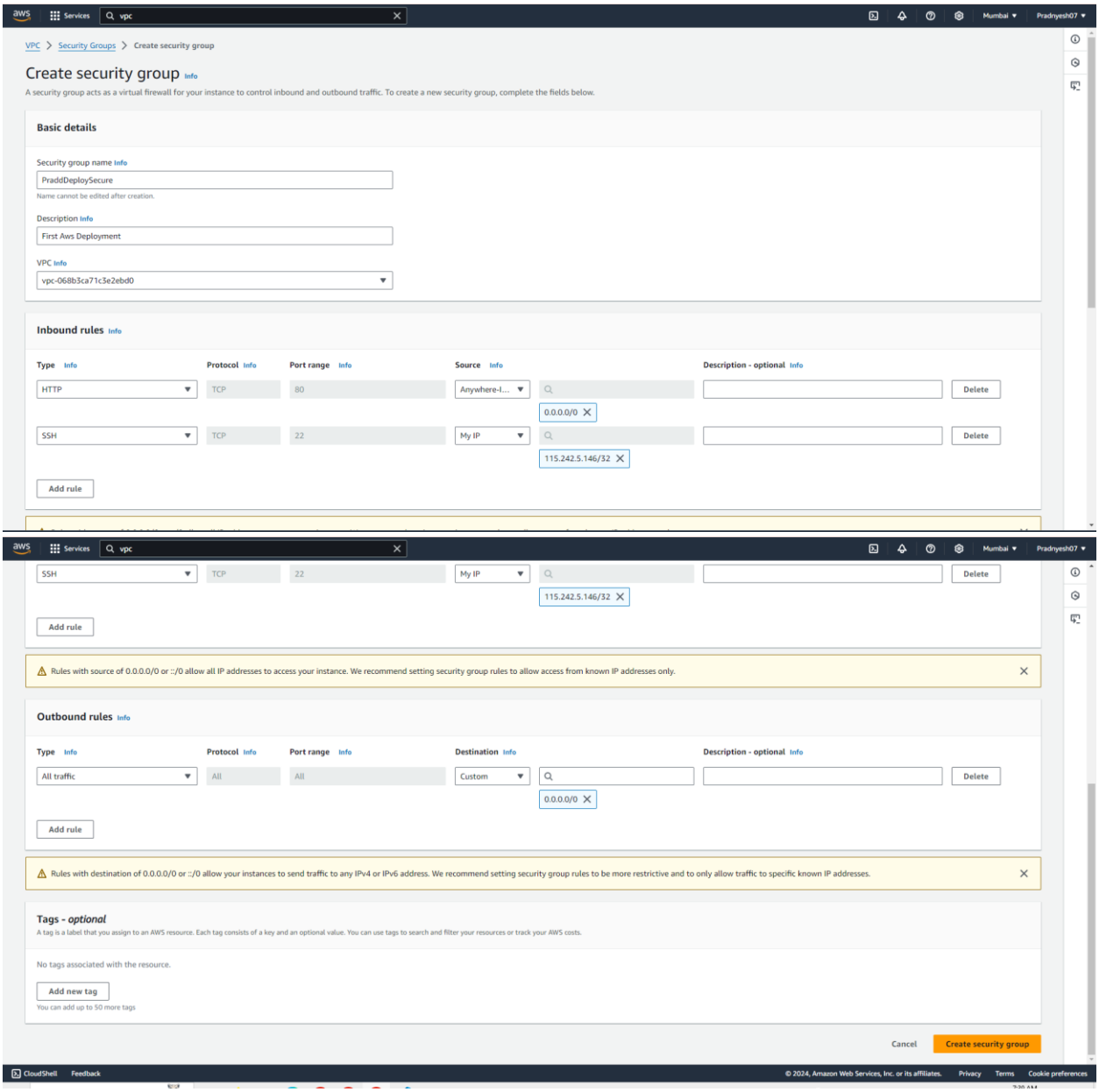

Step 3: Launch an EC2 Instance

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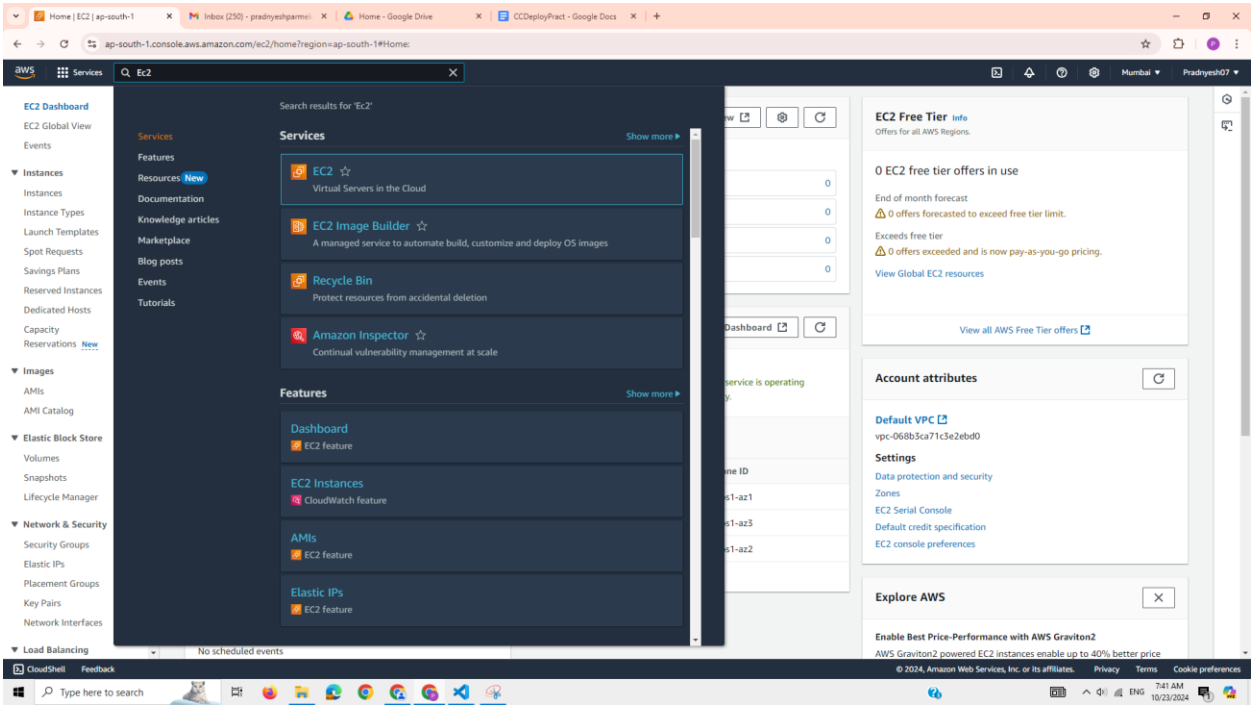
- Search for “EC2” in the AWS Management Console and select it.
- Click “Launch Instance.”
- Give your EC2 instance a name.
- Choose Amazon Linux 2 as the Amazon Machine Image.
- Select t2.micro as the instance type.
- Create a new key pair and choose the .pem format.
- Select your key pair and the security group you created.
- Launch the instance and wait for it to pass the status check.



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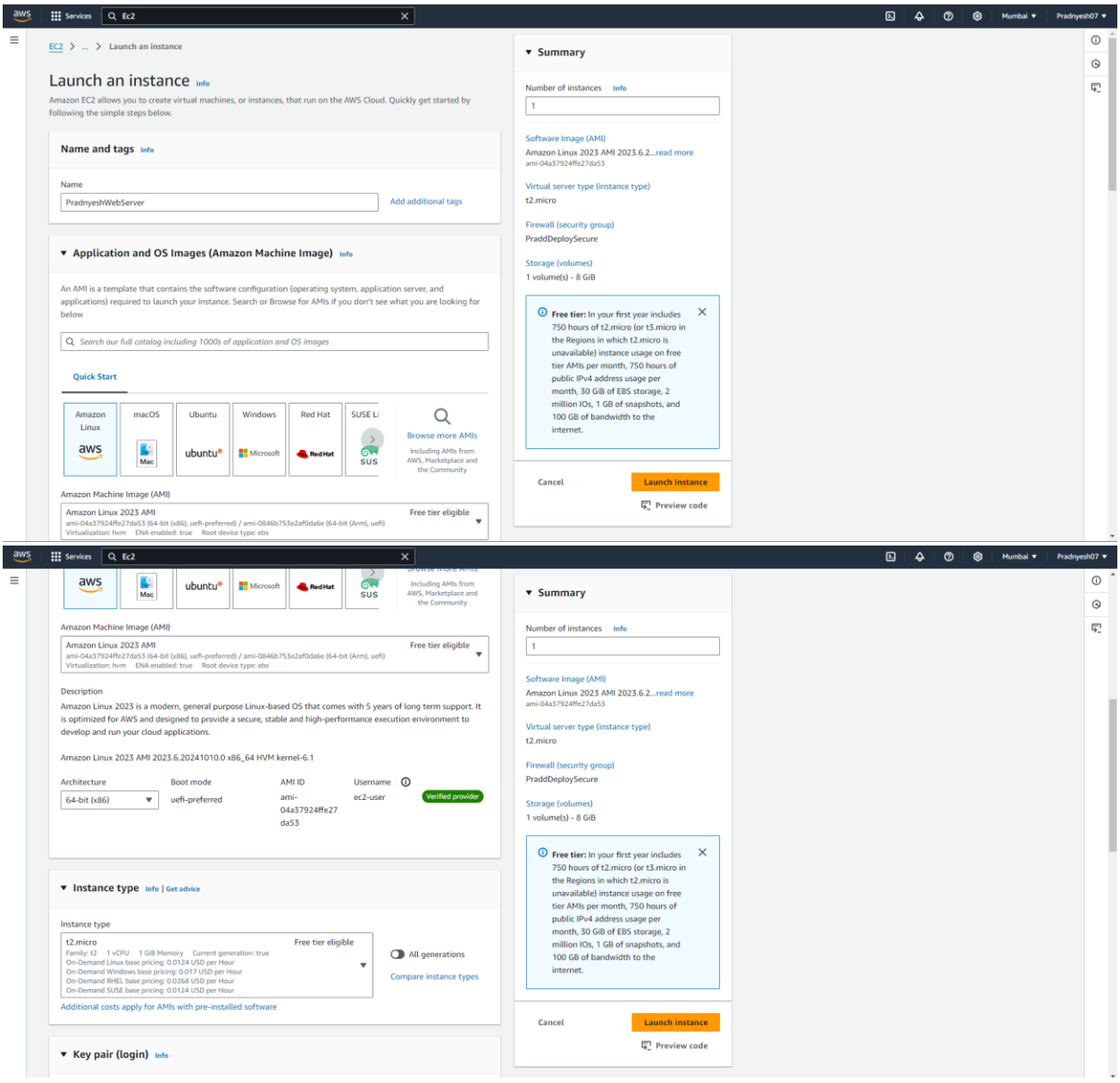

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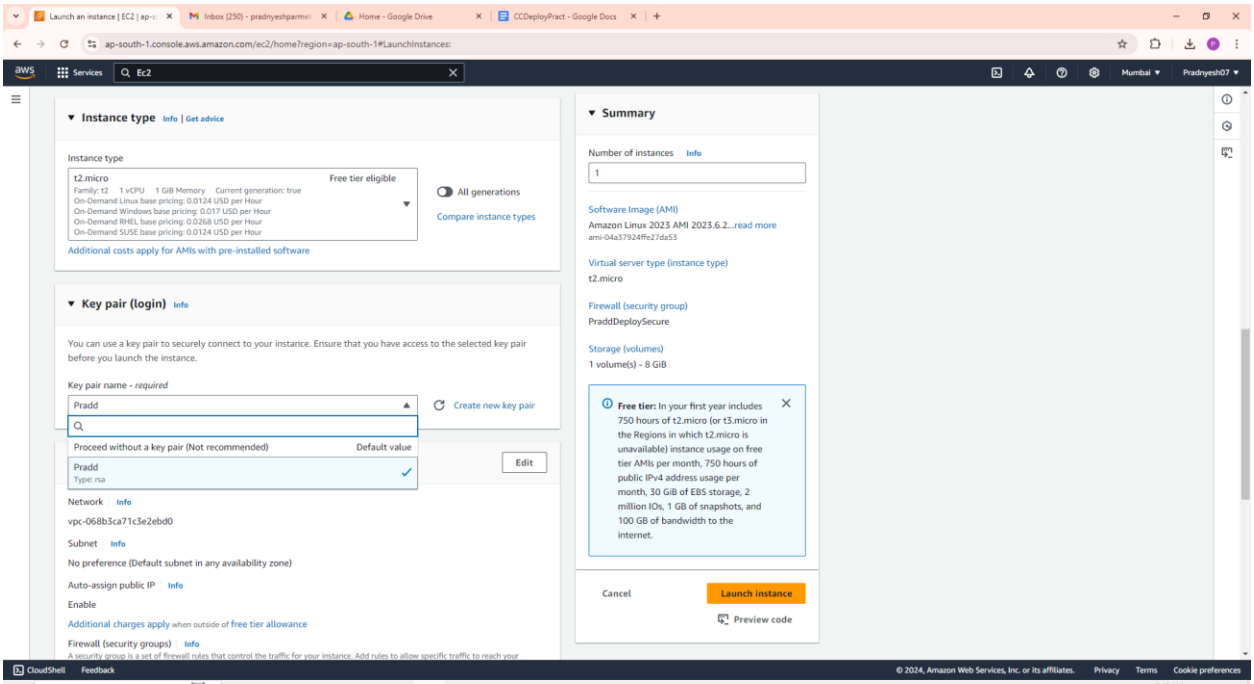

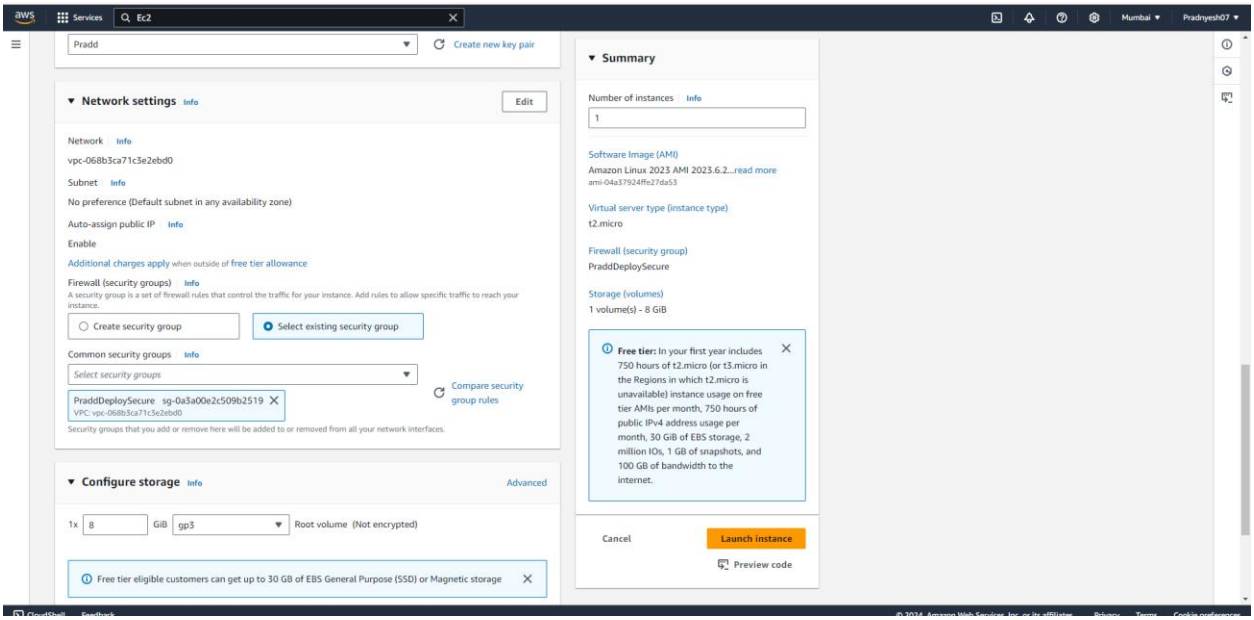

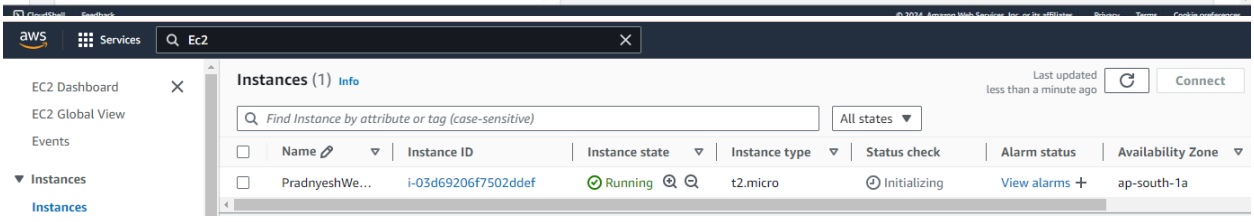

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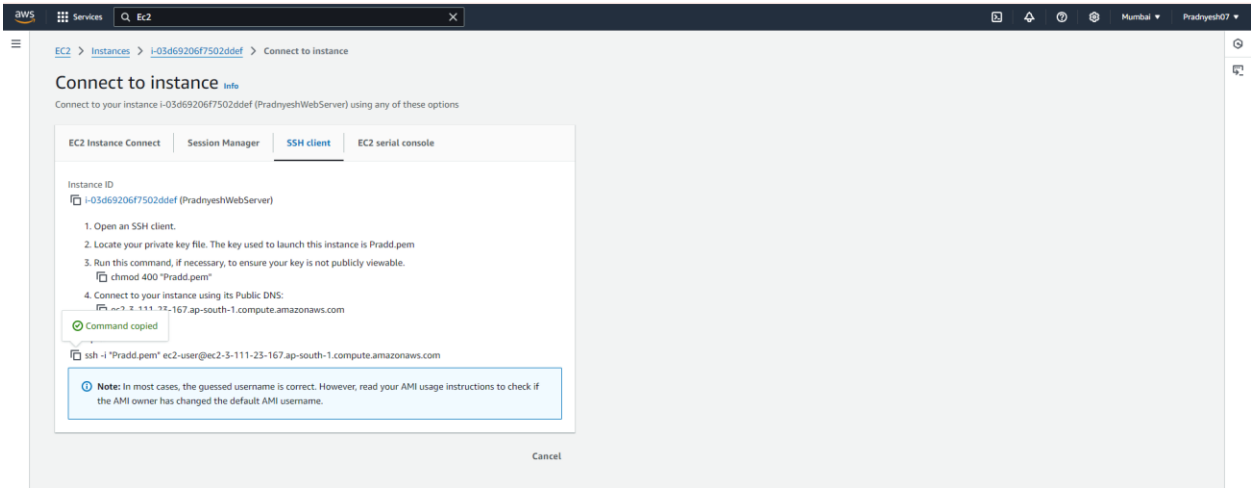
Step 4: SSH into the Instance

- Copy the public IPv4 address of the EC2 instance from the details section.
- Use an SSH client to connect to the instance by pasting the SSH command in your terminal or GitBash, replacing “web-key.pem” with the correct path and the IPv4 address.
- Type “yes” to continue when prompted.



Step 5: Install Required Software

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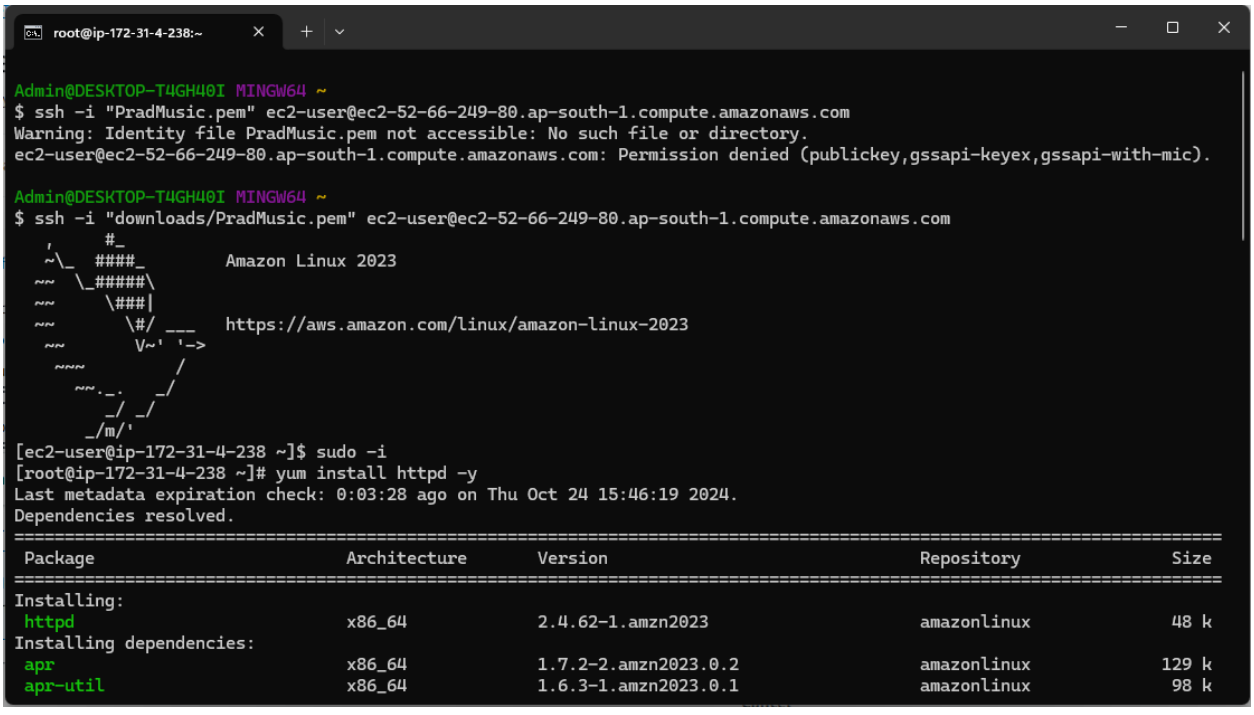
- Once logged into the instance, become the root user using the command “sudo -i.”
- Update the instance with “yum update -y.”
- Install the Apache service with “yum install httpd -y.”
- Change to the HTML directory with “cd /var/www/html.”
- Download your desired HTML template using “wget <download link>.”
- Unzip the downloaded folder with “unzip <folder name>.”



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```
[ec2-user@ip-172-31-4-238 ~]$ sudo -i
[root@ip-172-31-4-238 ~]# yum install httpd -y
Last metadata expiration check: 0:03:28 ago on Thu Oct 24 15:46:19 2024.
Dependencies resolved.
================================================================================
 Package                 Architecture       Version                    Repository              Size
================================================================================
Installing:
 httpd                   x86_64             2.4.62-1.amzn2023          amazonlinux             48 k
Installing dependencies:
 apr                     x86_64             1.7.2-2.amzn2023.0.2       amazonlinux            129 k
 apr-util                x86_64             1.6.3-1.amzn2023.0.1       amazonlinux             98 k
 generic-logos-httpd     noarch             18.0.0-12.amzn2023.0.3     amazonlinux             19 k
 httpd-core              x86_64             2.4.62-1.amzn2023          amazonlinux            1.4 M
 httpd-filesystem        noarch             2.4.62-1.amzn2023          amazonlinux             14 k
 httpd-tools             x86_64             2.4.62-1.amzn2023          amazonlinux             81 k
 libbrotli               x86_64             1.0.9-4.amzn2023.0.2       amazonlinux            315 k
 mailcap                 noarch             2.1.49-3.amzn2023.0.3      amazonlinux             33 k
Installing weak dependencies:
 apr-util-openssl        x86_64             1.6.3-1.amzn2023.0.1       amazonlinux             17 k
 mod_http2               x86_64             2.0.27-1.amzn2023.0.3      amazonlinux            166 k
```

```
[root@ip-172-31-4-238 html]# wget https://www.tooplate.com/download/2135_mini_finance
--2024-10-24 16:33:28--  https://www.tooplate.com/download/2135_mini_finance
Resolving www.tooplate.com (www.tooplate.com)... 72.52.176.250
Connecting to www.tooplate.com (www.tooplate.com)|72.52.176.250|:443... connected.
HTTP request sent, awaiting response... 302 Moved Temporarily
Location: https://www.tooplate.com/zip-templates/2135_mini_finance.zip [following]
--2024-10-24 16:33:29--  https://www.tooplate.com/zip-templates/2135_mini_finance.zip
Reusing existing connection to www.tooplate.com:443.
HTTP request sent, awaiting response... Read error (The request is invalid.) in headers.
Retrying.

--2024-10-24 16:33:30--  (try: 2)  https://www.tooplate.com/zip-templates/2135_mini_finance.zip
Connecting to www.tooplate.com (www.tooplate.com)|72.52.176.250|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 646518 (631K) [application/zip]
Saving to: '2135_mini_finance'

2135_mini_finance             100%[=============================================>] 631.37K   421KB/s    in 1.5s

2024-10-24 16:33:32 (421 KB/s) - '2135_mini_finance' saved [646518/646518]
```

```
[root@ip-172-31-4-238 html]# mv 2135_mini_finance 2135_mini_finance_backup
[root@ip-172-31-4-238 html]# unzip 2135_mini_finance.zip
unzip:  cannot find or open 2135_mini_finance.zip, 2135_mini_finance.zip.zip or 2135_mini_finance.zip.ZIP.
[root@ip-172-31-4-238 html]# unzip 2135_mini_finance
unzip:  cannot find or open 2135_mini_finance, 2135_mini_finance.zip or 2135_mini_finance.ZIP.
[root@ip-172-31-4-238 html]# unzip 2135_mini_finance_backup
Archive:  2135_mini_finance_backup
   creating: 2135_mini_finance/
   creating: 2135_mini_finance/css/
  inflating: 2135_mini_finance/css/apexcharts.css
  inflating: 2135_mini_finance/css/bootstrap-icons.css
  inflating: 2135_mini_finance/css/bootstrap.min.css
  inflating: 2135_mini_finance/css/tooplate-mini-finance.css
   creating: 2135_mini_finance/fonts/
  inflating: 2135_mini_finance/fonts/bootstrap-icons.woff
  inflating: 2135_mini_finance/fonts/bootstrap-icons.woff2
  inflating: 2135_mini_finance/help-center.html
   creating: 2135_mini_finance/images/
  inflating: 2135_mini_finance/images/credit-card.png
```

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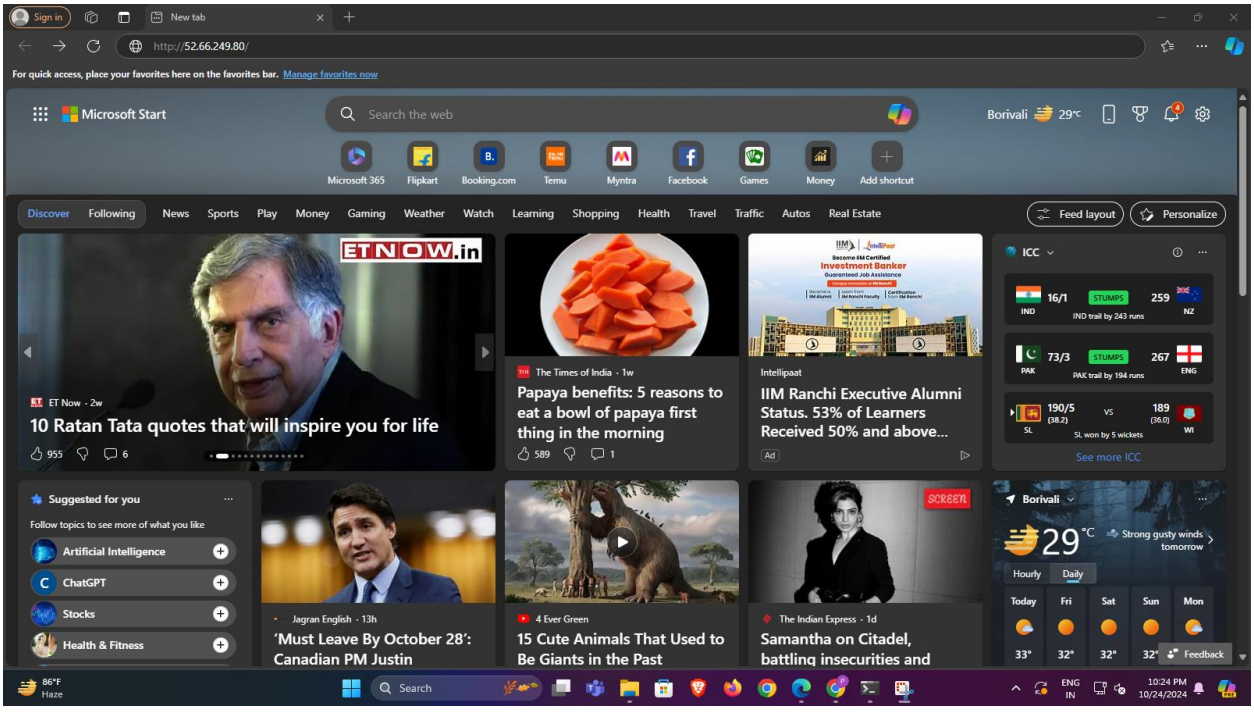
```
  inflating: 2135_mini_finance/images/social/search.png
  inflating: 2135_mini_finance/images/social/snapchat.png
  inflating: 2135_mini_finance/images/social/spotify.png
  inflating: 2135_mini_finance/images/social/telegram.png
  inflating: 2135_mini_finance/images/social/tiktok.png
  inflating: 2135_mini_finance/images/social/youtube.png
  inflating: 2135_mini_finance/index.html
   creating: 2135_mini_finance/js/
  inflating: 2135_mini_finance/js/.DS_Store
  inflating: 2135_mini_finance/js/apexcharts.min.js
  inflating: 2135_mini_finance/js/bootstrap.bundle.min.js
  inflating: 2135_mini_finance/js/custom.js
  inflating: 2135_mini_finance/js/jquery.min.js
  inflating: 2135_mini_finance/profile.html
  inflating: 2135_mini_finance/setting.html
  inflating: 2135_mini_finance/transation-detail.html
  inflating: 2135_mini_finance/wallet.html
  inflating: 2135_mini_finance/ABOUT THIS TEMPLATE.txt
[root@ip-172-31-4-238 html]# cp -r 2135_mini_finance_backup /var/www/html
cp: '2135_mini_finance_backup' and '/var/www/html/2135_mini_finance_backup' are the same file
[root@ip-172-31-4-238 html]# cp -r 2135_mini_finance_backup/* /var/www/html
cp: cannot stat '2135_mini_finance_backup/*': Not a directory
[root@ip-172-31-4-238 html]# cp -r 2135_mini_finance/* /var/www/html
[root@ip-172-31-4-238 html]# ls
 2135_mini_finance          css              images       profile.html            wallet.html
 2135_mini_finance_backup   fonts            index.html   setting.html
'ABOUT THIS TEMPLATE.txt'   help-center.html  js           transation-detail.html
[root@ip-172-31-4-238 html]# systemctl enable httpd
[root@ip-172-31-4-238 html]# systemctl start httpd
```



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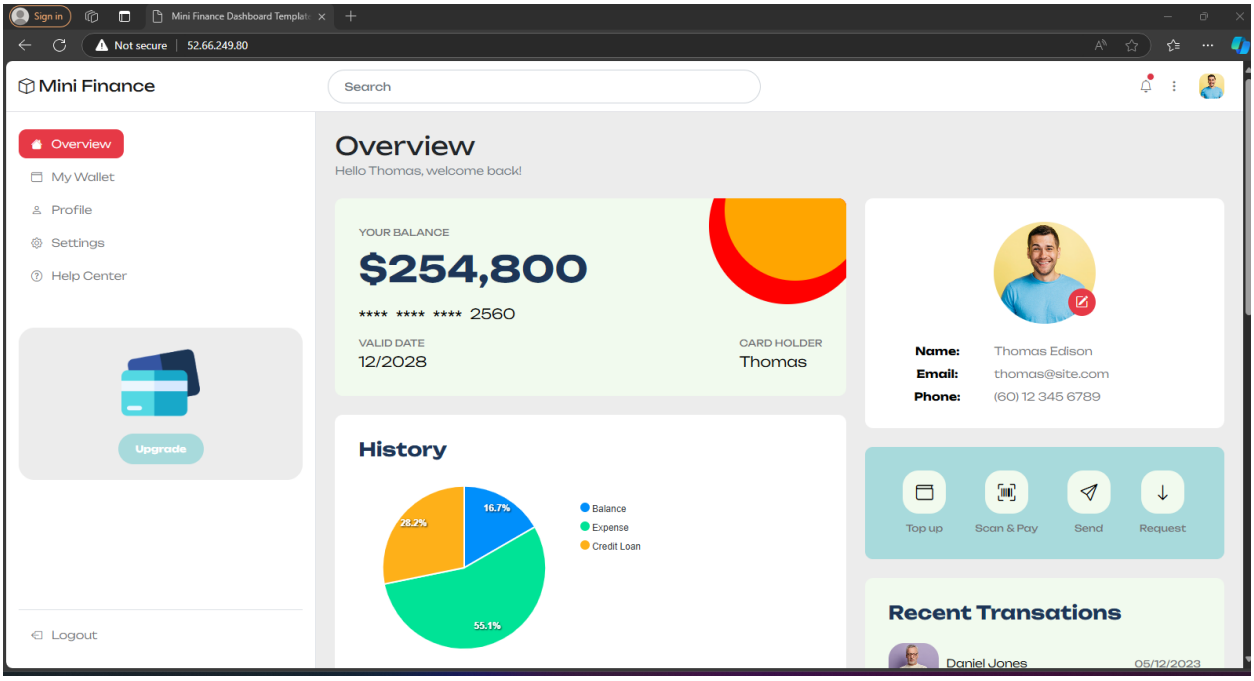

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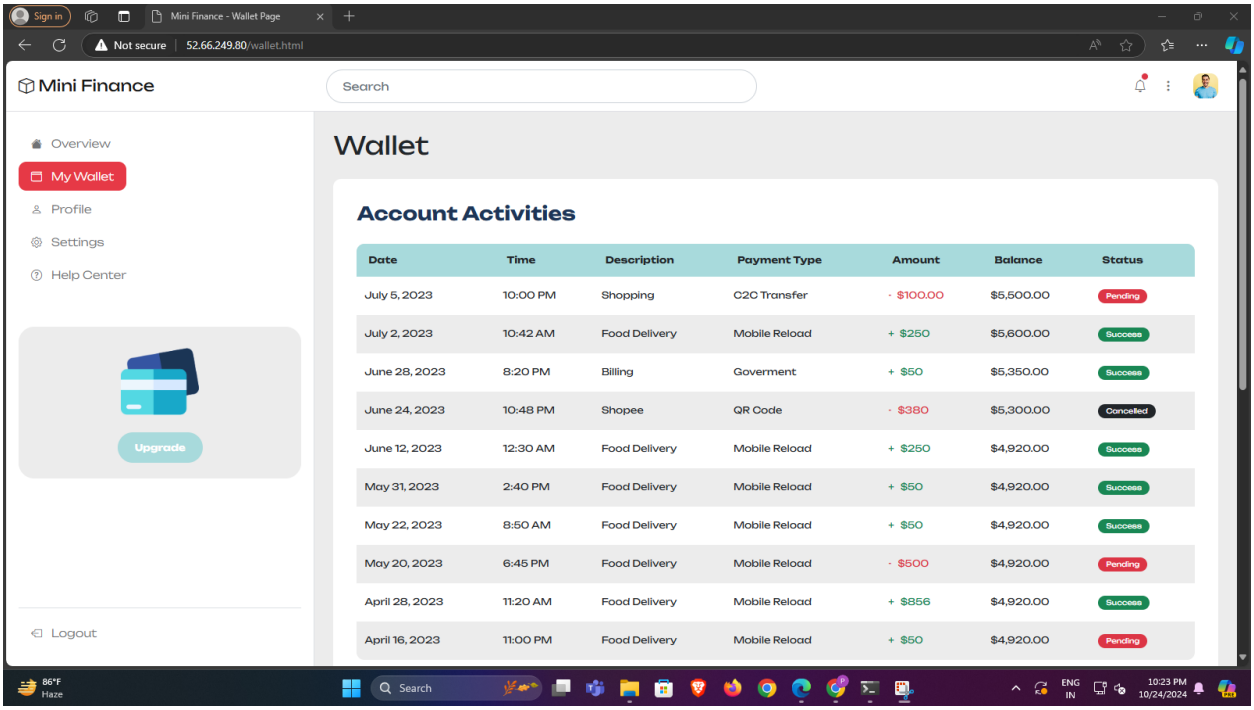

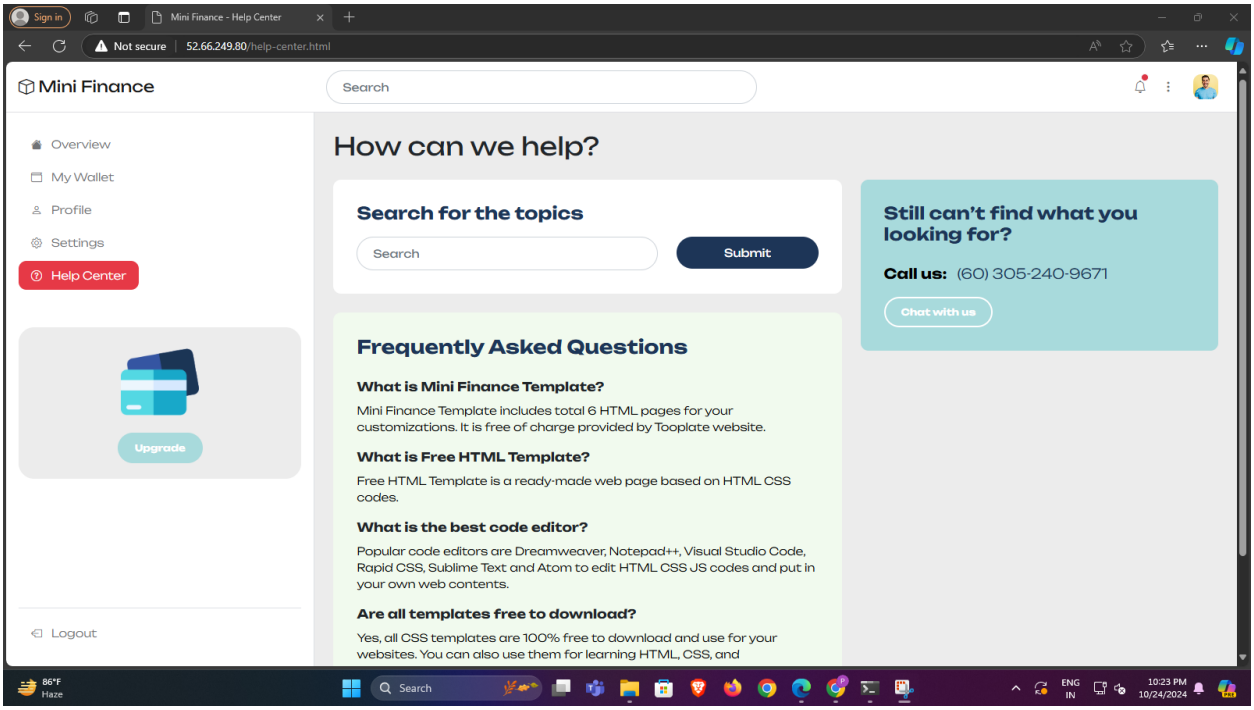

Firebase

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