

GIT COMANDS & CREATE INSTANCES IN AWS

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1. What is git?

→ Git is a version control system that manages and keeps track of your code.

2. What is github?

→ Github is a service which allows us to host, share, manage our code files on the internet.

3. What is command?

→ A command is an instruction given to the computer to perform a certain task.

GITHUB COMMANDS:

→ **Git init**: It is used to create an empty git repository. It is also used to reinitialize the existing one.

→ **Git clone "url"**: git clone is a git command, which is used to create a copy of an existing repository into a new directory.

→ **Git add "filename"**: It is used to add new or changed files into the directory.

→ **Git status**: It is used to know the current status of the repository.

→ **Git branch**: It allows us to create, list, rename and delete branches.

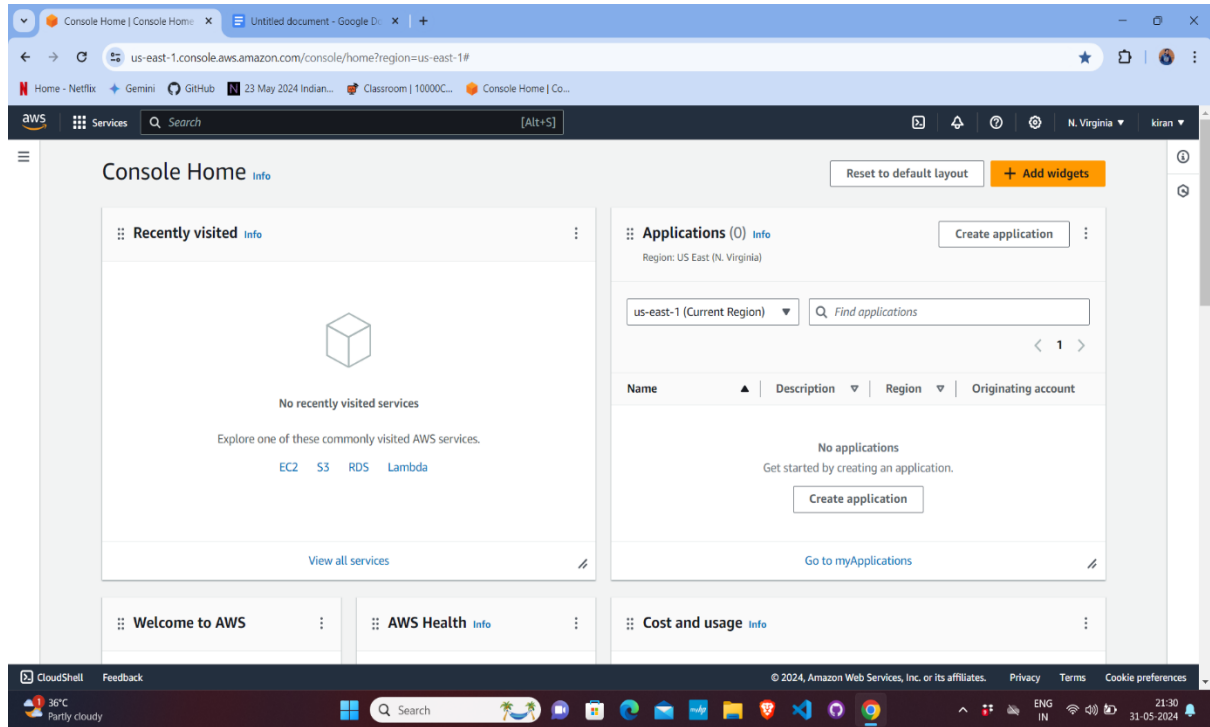
→ **Git commit-m "msg"**: It is a shortcut command that immediately creates a commit with a passed commit message.

→ **Git push**: It is used to upload local repository content to the remote repository.

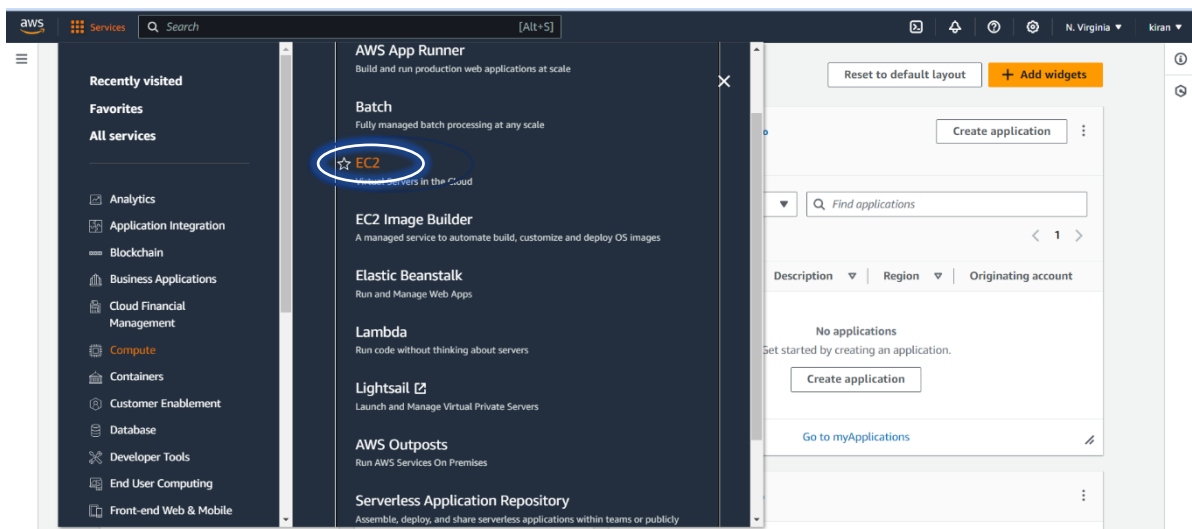
→ **Git pull**: It is used to fetch and download the content from the current repository and immediately update the local repository to match the content.

CREATE AN INSTANCE IN AWS:

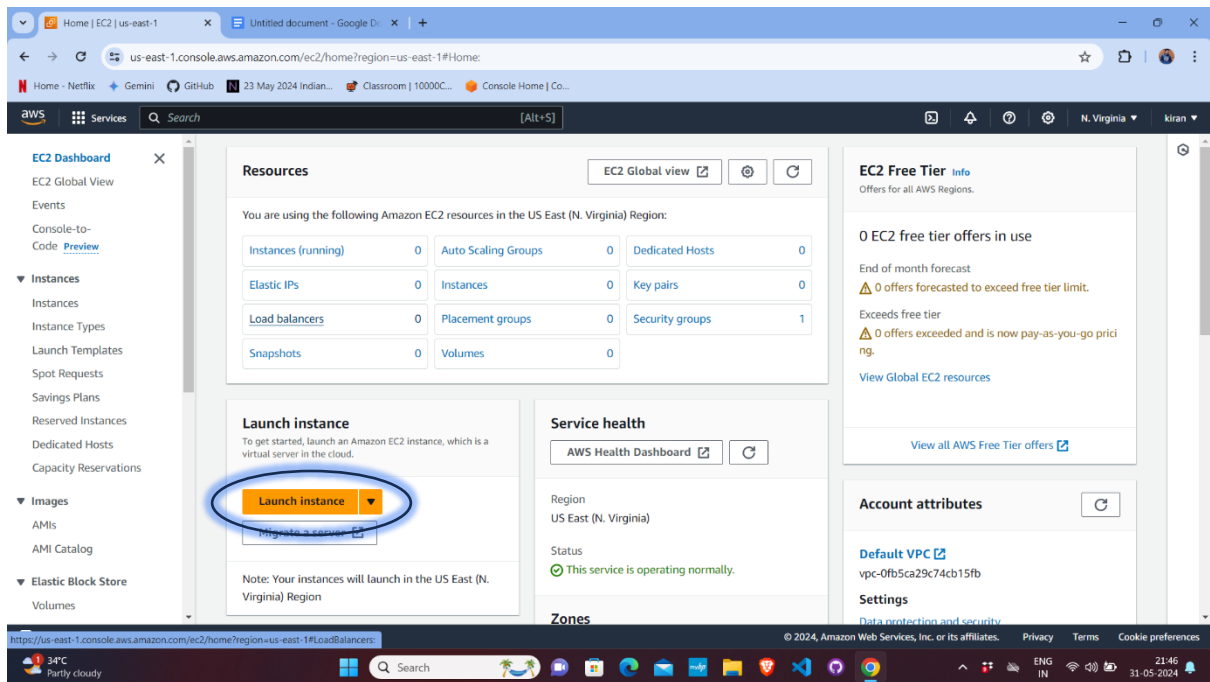
STEP 1: First create an AWS account



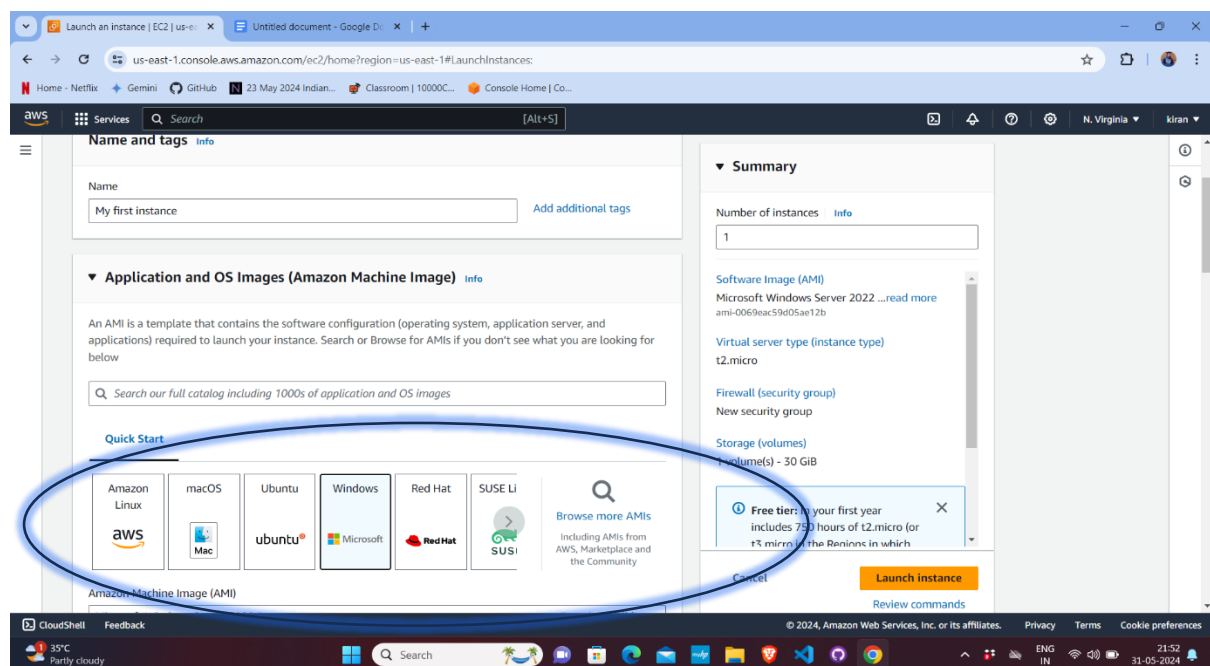
STEP 2: Now search EC2 service in search box , click on EC2.



STEP 3: Show the EC2 page. Now click on LAUNCH INSTANCE.



STEP 4: Now give your instance name and select which type of OS you want.



STEP 5: Now select instant type.

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

☐ All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

STEP 6: Then give key pair name and create key pair , It is used to LOGIN to your instance.

Create key pair

Key pair name

Key pairs allow you to connect to your instance securely.

instance credentials

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA
RSA encrypted private and public key pair

☐ ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

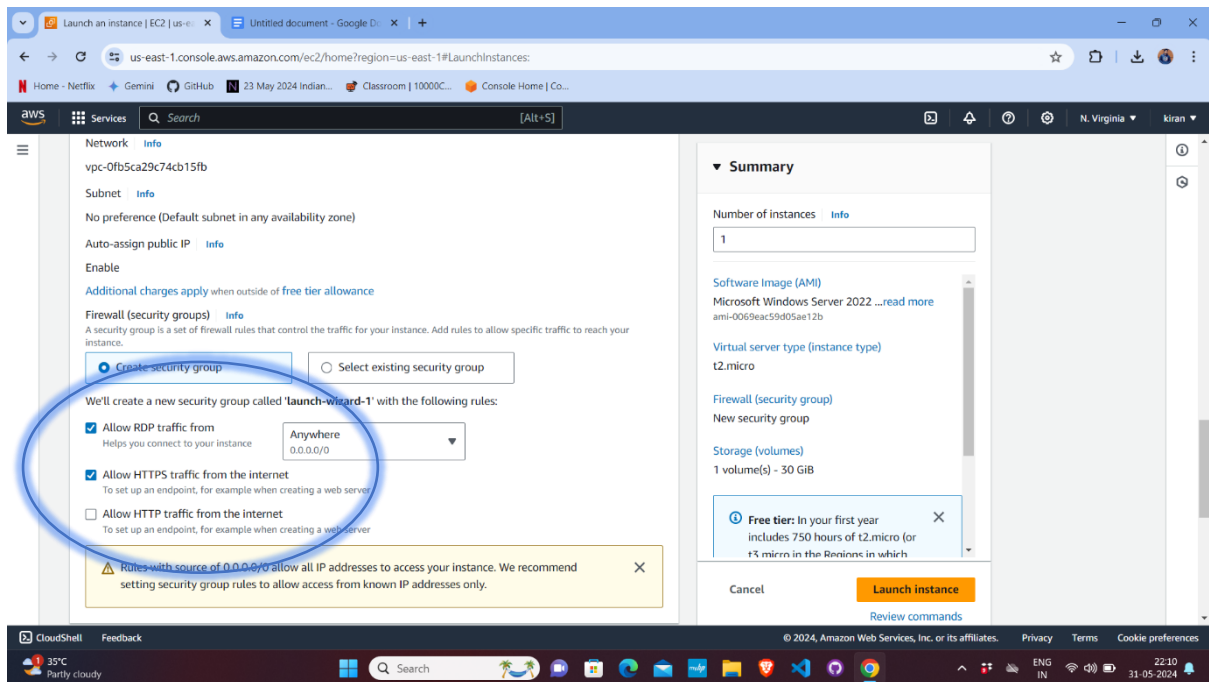
☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Cancel Create key pair

STEP 7: Select security group rules (if you need) , Then select launch instance.



STEP 8: The Instance will be created.

