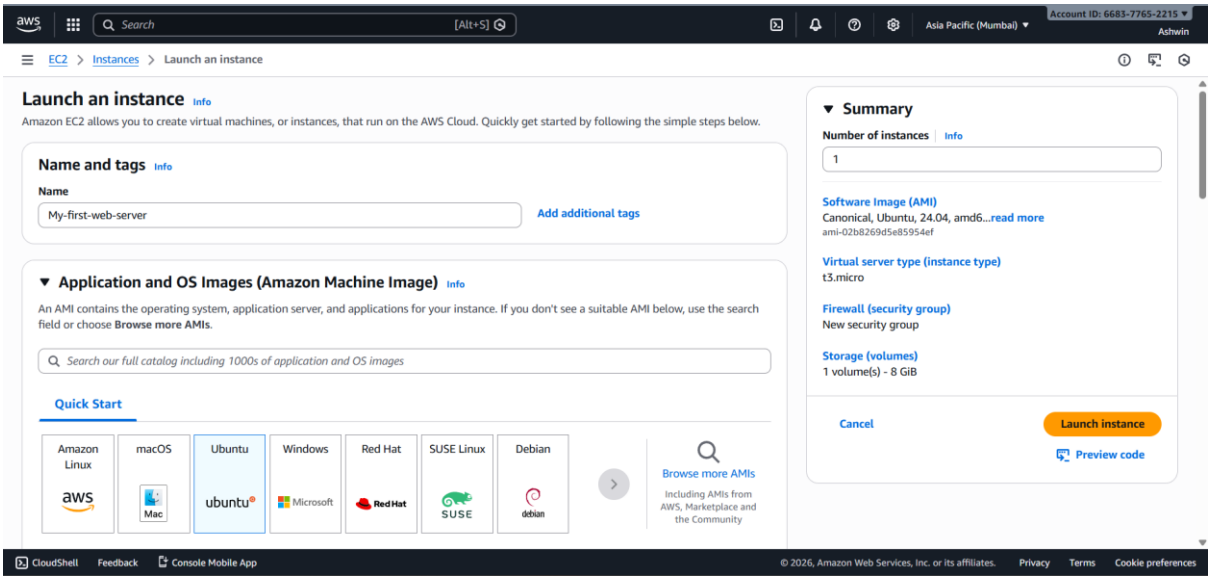
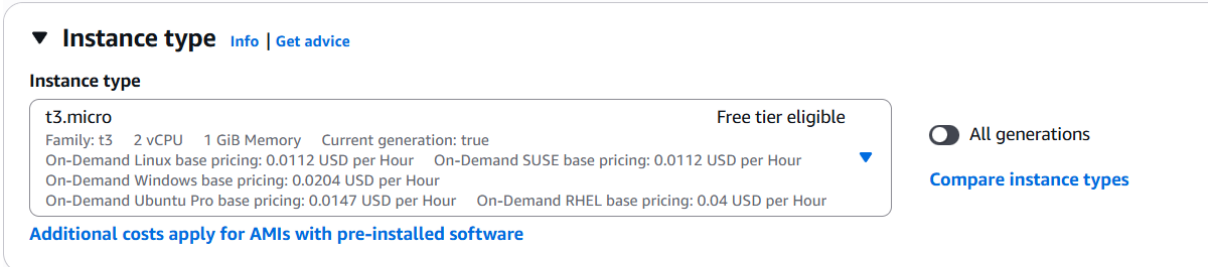
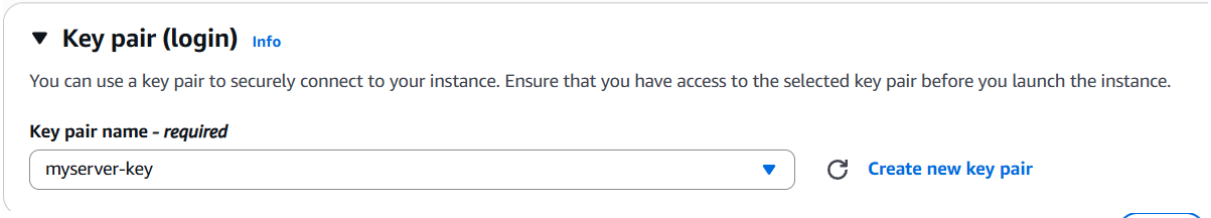
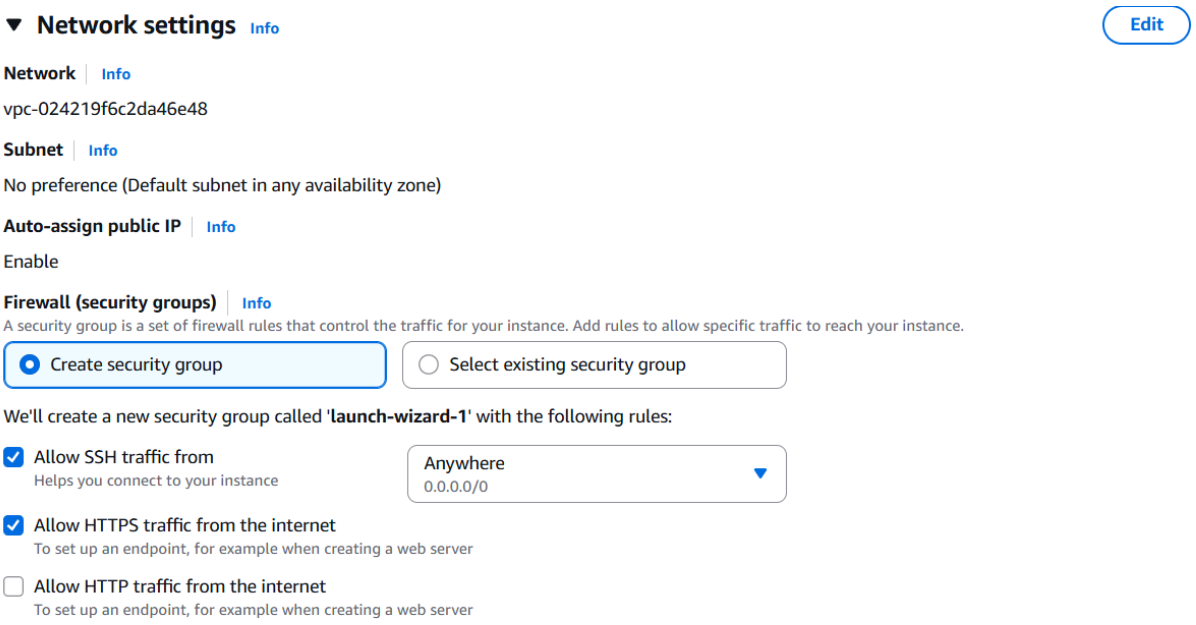
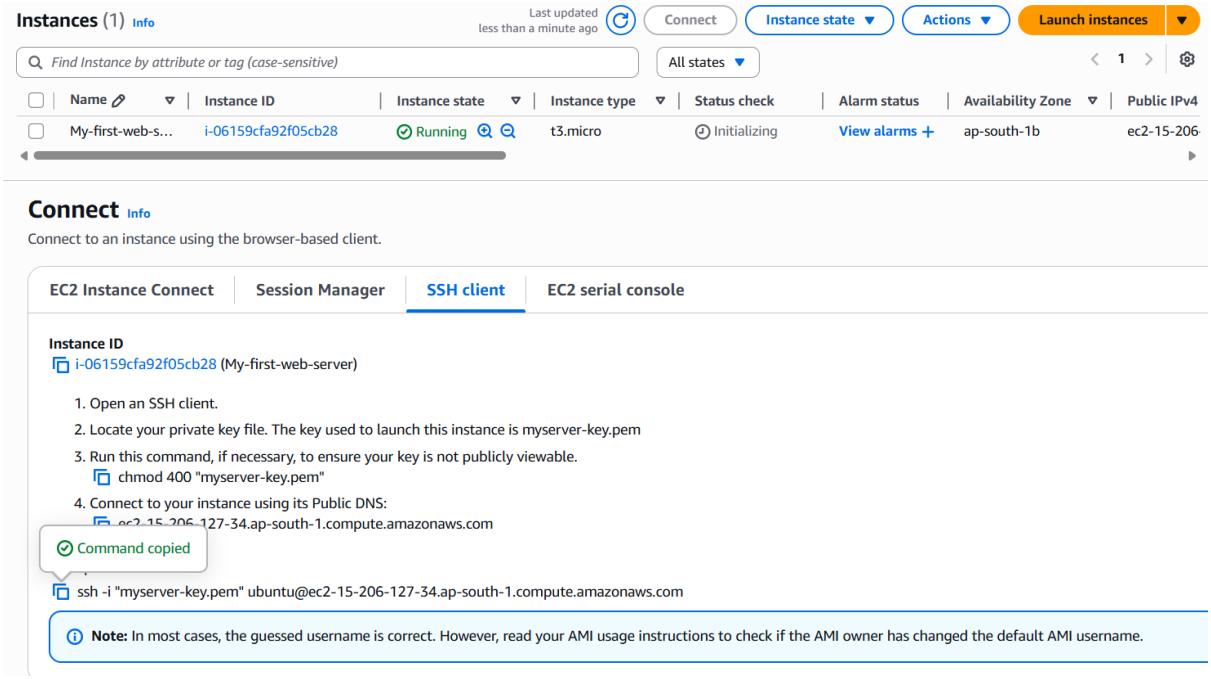
1. Configuring and launching EC2 instance on AWS.



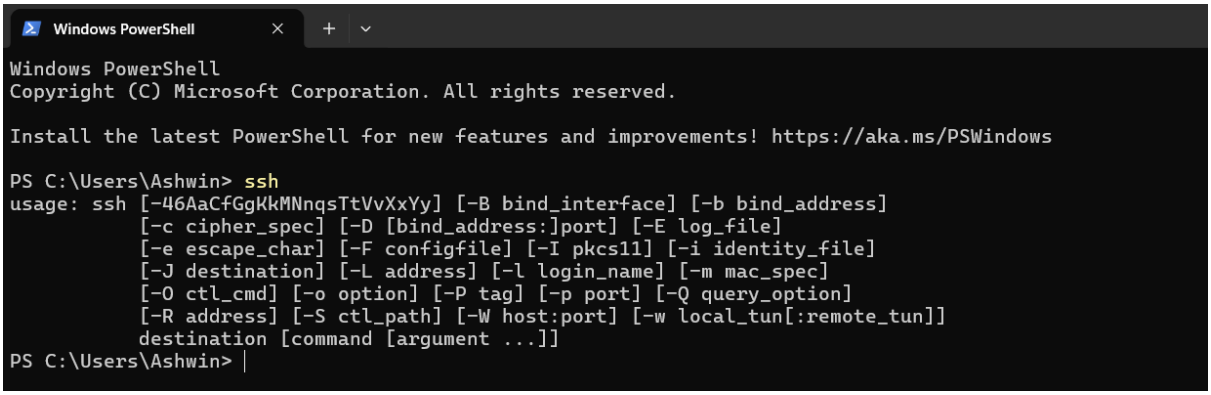


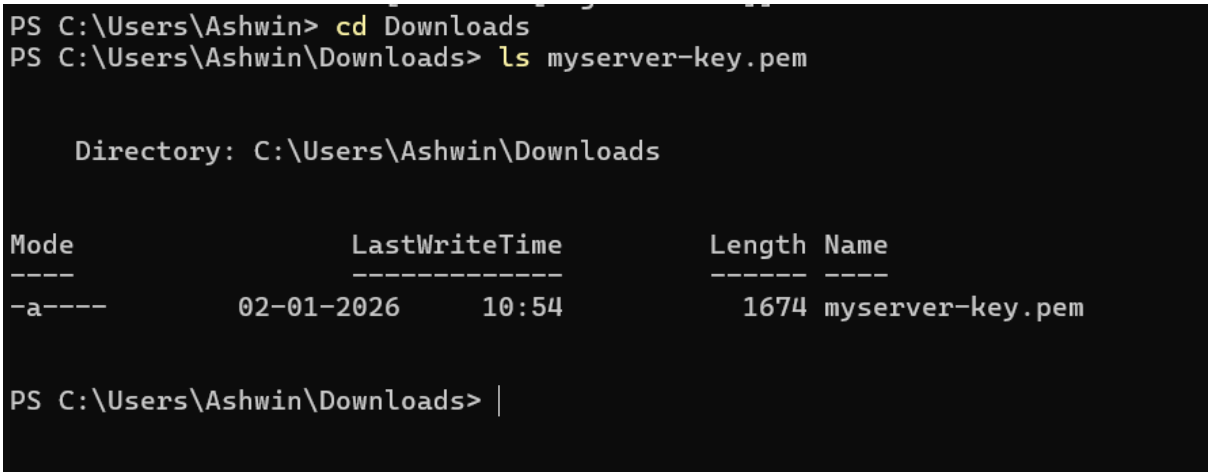




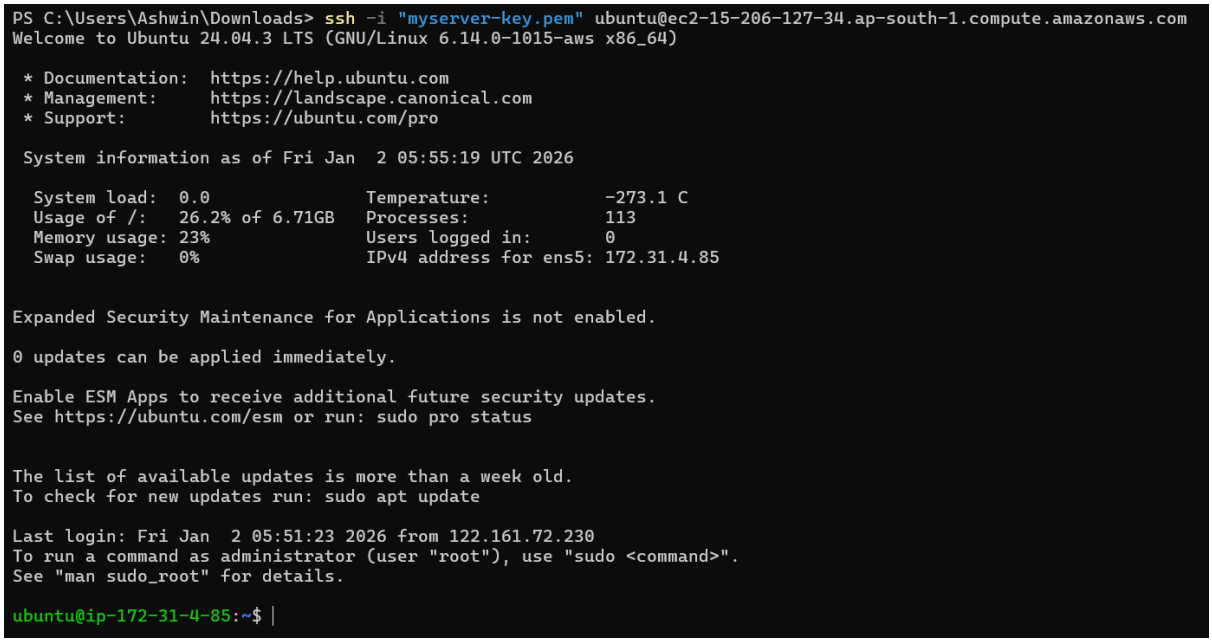


2. Opened Windows PowerShell and navigated to the directory containing ".pem" key.

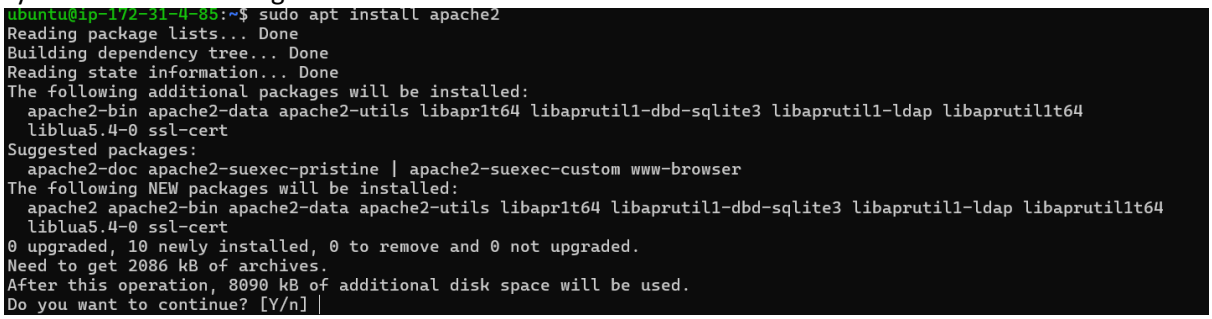




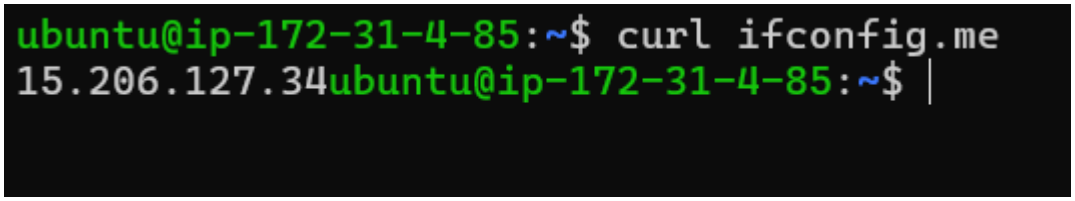
3. After having navigated to the key, using SSH command to connect my local computer to EC2 instance.



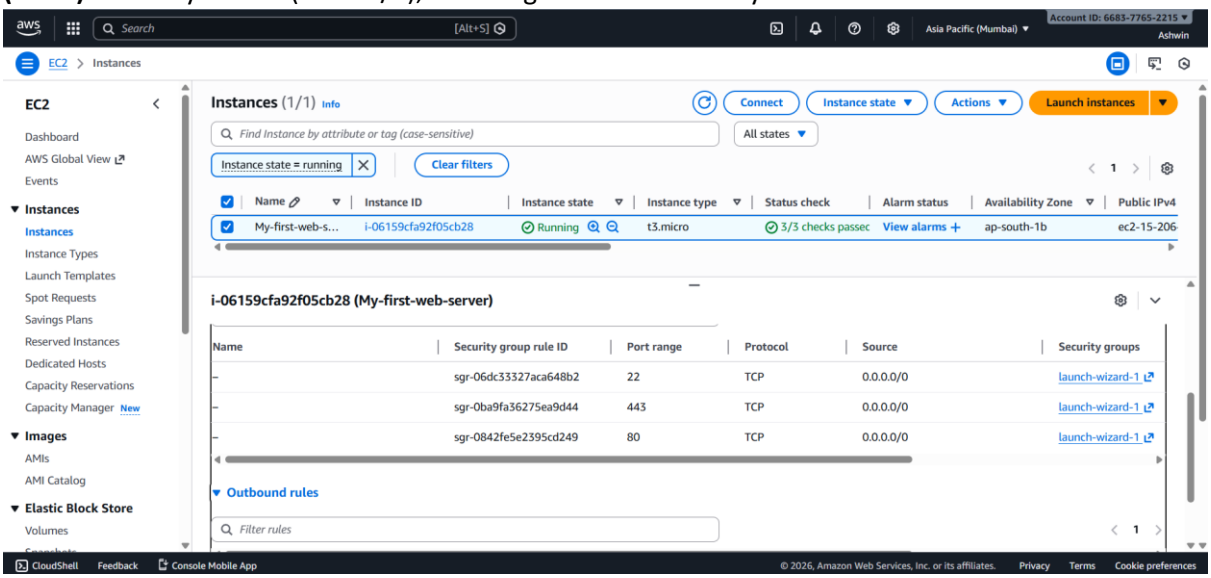
4. Used “sudo apt update” and “sudo apt upgrade” for latest security patches and stability for system before installing the server.



5. “curl ifconfig.me” command for verifying server has internet access and reveals its Public IP.



6. **Critical Configuration:** To ensure the web server was accessible to the public, I manually updated the EC2 Security Group's inbound rules. I added a rule to allow traffic on **Port 80 (HTTP)** from any source (0.0.0.0/0), resolving initial connectivity issues.



7. Final Result