✅ **Step 2: Launch an EC2 Instance on AWS**

1. Go to [AWS EC2 Console](#)

2. Click **Launch Instance**

3. Choose:

   o **Ubuntu Server 22.04**

   o **t2.micro** (free tier eligible)

4. Create a new key pair and download the .pem file.

5. Configure **Security Group**:

   o Allow **SSH (port 22)**

   o Allow **HTTP (port 80)**

   o Allow **Custom TCP Rule** (port 5000 if using Flask dev server)

✅ **Step 3: SSH into EC2 Instance**

In your terminal:

chmod 400 your-key.pem

ssh -i "your-key.pem" ubuntu@your-ec2-public-ip

✅ **Step 4: Install Python and Flask**

On the EC2 instance:

sudo apt update

sudo apt install python3-pip python3-venv -y

✅ **Step 5: Upload Your Flask Project**

Option B: Clone from GitHub (if you have your app there)

sudo apt install git

git clone https://github.com/your-username/your-repo.git

✅ Step 6: Set Up Virtual Environment and Run Flask

cd myapp

python3 -m venv venv

source venv/bin/activate

pip install -r requirements.txt

Run your app on public IP:

python app.py --host=0.0.0.0