AWS EC2 Website Deployment

Absolutely! Here's your handy **EC2 Cheat Sheet** for **stopping, restarting, and reconnecting to your instance** — so you can pause and resume your project anytime with confidence. 💡

🧾 AWS EC2 Cheat Sheet: Stop, Start & Reconnect

🟥 To Stop Your EC2 Instance (Pause Usage)

✅ Saves your work, stops billing/free-tier usage clock.

1. Go to the **EC2 Dashboard**
2. Click **Instances** in the sidebar
3. Select your instance (✅ checkbox)
4. Click **Instance State → Stop instance**

⏸️ **Done! Your server is now paused safely.**

🟩 To Restart Your EC2 Instance Later

🚀 Brings your server back online (same setup, new IP)

1. Go to **EC2 Dashboard → Instances**
2. Select your instance
3. Click **Instance State → Start instance**
4. Wait for the **"Running"** state
5. Copy your **new Public IPv4 address** (IP)

⚠️ Note: This IP changes every time unless you attach an Elastic IP.

🔑 To Reconnect via SSH

Use Git Bash or VS Code terminal

```bash
ssh -i your-key.pem ubuntu@<new-public-ip>
```

- Replace `your-key.pem` with your downloaded key file
- Replace `<new-public-ip>` with the new IP from AWS

✅ You'll be back in your Ubuntu server!

🌐 To View Your Website Again

Just open your browser and go to:

```pgsql
pgsql

http://<new-public-ip>
```

✅ Bonus Commands (from EC2 terminal)

Task	Command
Update packages	`sudo apt update`
Install Apache	`sudo apt install apache2 -y`
Move uploaded file	`sudo mv /tmp/index.html /var/www/html/`
Restart Apache	`sudo systemctl restart apache2`

Want me to make this as a **PDF one-pager** or move on to Project 2 setup? 💬

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