

21 Holdem – Backend Download Guide (Ultra Beginner Version)

Goal:

Download your backend files from your AWS staging server onto your computer safely.

STEP 1 – Open the Server Terminal (Black Screen)

1. Log into AWS.
2. Click EC2 in the Services menu.
3. Click 'Instances' on the left.
4. Click your staging server (21-holdem-dev).
5. Click the orange 'Connect' button at the top.
6. Select the tab 'EC2 Instance Connect'.
7. Click 'Connect'.

You will now see a black screen with text like:

```
ubuntu@ip-xxx-xxx-xxx:~$
```

This is where you type commands.

STEP 2 – Find Where the Backend Is Stored

Click inside the black terminal screen. Type the following command and press ENTER:

```
pm2 list
```

If something appears, type:

```
pm2 show <app-name>
```

Look for a line that says 'script path'. That folder is your backend location.

If PM2 does not work, type:

```
sudo ss -tulpn | grep node
```

STEP 3 – Create a Zip File of the Backend

Once you know the backend folder name (example: backend), type:

```
cd /home/ubuntu  
zip -r backend.zip backend
```

Press ENTER. This creates a file called backend.zip on the server.

STEP 4 – Download the File to Your Computer (Windows Method)

1. Install WinSCP if you don't already have it.
2. Open WinSCP.
3. Host Name: 52.64.13.183 (your staging server IP)
4. Username: ubuntu
5. Click Advanced → SSH → Authentication → Select your .pem key file.
6. Click Login.
7. You will see server files on the right side.
8. Find backend.zip and drag it to your desktop.

STEP 5 – Extract and Add to GitHub

1. Right click backend.zip → Extract.
2. Move the backend folder into your 21Holdem project folder.
3. Open VS Code.
4. Commit and push to the staging branch.

IMPORTANT SECURITY RULE:

If you see a file called .env inside the backend folder, DO NOT upload it to GitHub. That file contains passwords and keys.