Top 10 Games in 2025 – Gaming Showcase Server

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Domain Name: https://tanzimbestgames.click

1. Project Overview
   - Purpose: Create a showcase website listing the top 10 games in 2025.
   - Example games: God of War, Assassin's Creed, Grand Theft Auto V, and Red Dead Redemption 2 etc.
   - Tools used: HTML/CSS, EC2, Apache, Ubuntu.

2. Amazon EC2 Server Setup
   - Cloud Provider: Amazon Web Services (AWS)
   - Steps:
     - Launched EC2 instance (Ubuntu 22.04 LTS)
     - Choose t2. micro (free tier eligible)
     - Enable port 22(SSH), 80 (HTTP), and 443 (optional for SSL) in security group.
     - Used .pem key to SSH into instance:
       ssh -i "TopGame.pem" ubuntu@ec2-13-55-186-20.ap-southeast-2.compute.amazonaws.com


```
PS D:\ICT-171> ssh -i "TopGame.pem" ubuntu@ec2-13-55-186-20.ap-southeast-2.compute.amazonaws.com
The authenticity of host 'ec2-13-55-186-20.ap-southeast-2.compute.amazonaws.com (13.55.186.20)' can't be estal
ED25519 key fingerprint is SHA256:e93ggftLc5UM4u1GiYVNsoN9HQ2h+SUikM/ZEco7bLw.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-13-55-186-20.ap-southeast-2.compute.amazonaws.com' (ED25519) to the list of k
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

 System information as of Mon Jun  9 12:47:24 UTC 2025

  System load:  0.0                Processes:             104
  Usage of /:   25.3% of 6.71GB    Users logged in:       0
  Memory usage: 20%                IPv4 address for enX0: 172.31.11.163
  Swap usage:   0%
```

     -

3. Web Server Installation
   - Installed Apache:
     sudo apt update


```
ubuntu@ip-172-31-11-163:~$ sudo apt update
Hit:1 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1118 kB]
Get:14 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [238 kB]
Get:15 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [161 kB]
Get:16 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1078 kB]
Get:17 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [274 kB]
Get:18 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [376 kB]
Get:19 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [26.0 kB]
Get:20 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [1179 kB]
Get:21 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [245 kB]
Get:22 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:23 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [21.7 kB]
Get:24 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [4788 B]
Get:25 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:26 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [592 B]
Get:27 http://ap-southeast-2.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [39.2 kB]
Fetched 32.8 MB in 17s (1887 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
9 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

sudo apt install apache2

- Modify Website:

  Sudo nano /var/www/html/index.html

4. Domain Name Configuration:
   - Registered domain (e.g., Games)

Record details

Edit record

Record name

tanzimgames.click

Record type

A

Value

13.55.186.20

Alias

No

TTL (seconds)

300

Routing policy

Simple

   - Set an A Record to point to the EC2 public IPv4 address.