**Host NodeJs application :**

1. **Create droplet**
2. **Install Nodejs and npm**

Update package list: **sudo apt update**.

Install Node.js and npm: **sudo apt install nodejs npm**.

Check npm version : npm -v

1. **Install GIT**

**Upload Your Node.js App:**

Clone the application using :

Git clone https://github.com/elaamranisoufiane/AIBGENv2.git

**Install dependencies:**

Go to:

client\src\pages\dashborad\dashboard.js

and change the

const DOMAIN\_NAME = "http://104.248.239.136";

by your server\_name.

and change .env on server folder :

REDIRECTION\_LINK\_AFTER\_CHECKOUT=<http://104.248.239.136/dashboard>

and in filder (/client) run this command:

npm install

and this command:

npm run build

in the server folder run this command:

npm install

1. **Install nginx**

sudo apt install nginx

**Start Nginx:**

sudo systemctl start nginx

**To enable Nginx to start on boot:**

sudo systemctl enable nginx

**To check the status:**

sudo systemctl status nginx

**Configure Firewall (if applicable):** If you have a firewall enabled, you may need to allow traffic on port 80 (HTTP) and/or 443 (HTTPS).

sudo ufw allow 'Nginx Full'

open the config file by this command:

sudo nano /etc/nginx/sites-available/default

change the root variable value:

root /var/www/html/AIBGEN/client/build/;

and add this of not exist:

index index.html index.htm index.nginx-debian.html;

change the server\_name variable by you server name

server\_name 104.248.239.136;

execute these commands to restart nginx:

sudo service nginx restart

sudo nginx -t

sudo systemctl reload nginx

1. **Set Up MySQL Server**

Install MySQL server :

sudo apt install mysql-server

Secure MySQL: Run the MySQL security script

sudo mysql\_secure\_installation

Create Database and User:

Log in to MySQL:

sudo mysql -u root -p

Create a database:

CREATE DATABASE aibgen;

Create a user and grant privileges:

CREATE USER ' aibgenuser@'localhost' IDENTIFIED BY 'Aib@gen1’;

GRANT ALL PRIVILEGES ON aibgen.\* TO ' aibgenuser'@'localhost';

FLUSH PRIVILEGES;

And execute the backup command from (***backup\_aibgen.sql***) file:

mysql -u aibgenuser -p aibgen < ***backup\_aibgen.sql***

change the .env file on the server folder by :

DB\_HOST="127.0.0.1"

DB\_USER="aibgenuser"

DB\_PASSWORD="Aib@gen1"

DB\_NAME="aibgen"

1. **Install pm2 (process manager)**

sudo npm i pm2 -g

start the nodejs server in the background

pm2 start server.js

Set your app to start when even the server is rebooted

pm2 startup ubuntu

1. **Enable ufw firewall**

ufw status

ufw enable

**Allow SSH, HTTP, and HTTPS**

ufw allow ssh

ufw allow http

ufw allow https

1. **Change the lemonsqueezy WebHook**