# **Deploy VPS NextJS**

sudo mysql -u root -p

mysql -u drs\_user -p -h 127.0.0.1 -P 3306 drs\_derma

DATABASE\_URL="mysql://drs\_user:your\_new\_password@127.0.0.1:3306/drs\_derma"

**Run these commands (replace your\_new\_password with your desired password):**

DROP USER IF EXISTS 'drs\_user'@'localhost';

ALTER USER 'drs\_user'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'your\_new\_password';

GRANT ALL PRIVILEGES ON drs\_derma.\* TO 'drs\_user'@'localhost';

FLUSH PRIVILEGES;

EXIT;

SHOW DATABASES;

npx prisma generate

npx prisma db push

sudo apt remove libnode-dev nodejs -y

sudo apt clean

sudo apt autoremove -y

curl -fsSL <https://deb.nodesource.com/setup_22.x> | sudo -E bash -

sudo apt install nodejs -y

sudo apt install curl -y

**✅ Fix: Use pm2 instead (recommended for production)**

Install pm2 globally:

bash

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npm install -g pm2

Start the app:

bash

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pm2 start npm --name "nextjs-app" -- start

Make sure pm2 restarts app on server reboot:

bash

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pm2 save

pm2 startup

Now your app will run in the background, and survive reboots or terminal closures.

## **✅ Case 2: You're already using pm2**

If you started your app with pm2, you're good — you can safely:

Close the terminal

Close SSH session

Reboot the VPS — app will stay running

Check your app with:

bash

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pm2 list

**✅ VPS Deployment Summary for** [**drsdermabd.com**](http://drsdermabd.com)

**1. VPS Setup & SSH**

Connected to Namecheap VPS via SSH (ssh root@your\_ip).

Installed [**Node.js**](http://node.js) **22 LTS** and **npm** by removing old versions first:

bash

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sudo apt remove nodejs libnode-dev

curl -fsSL <https://deb.nodesource.com/setup_22.x> | sudo -E bash -

sudo apt install -y nodejs

**2. Clone & Run** [**Next.js**](http://next.js) **App**

Cloned your [Next.js](http://next.js) project from GitHub.

Installed dependencies:

bash

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npm install

Ran the app (for testing):

bash

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npm run build

npm start

(Optional: You may later set up PM2 or a production server like next start with reverse proxy.)

**3. Static HTML Site Deployment**

You uploaded your static landing page (index.html, assets/, etc.) into:

bash

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/var/www/drs-derma

**4. Nginx Installation & Configuration**

Installed and enabled **Nginx**.

Created config file:

bash

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sudo nano /etc/nginx/sites-available/[drsdermabd.com](http://drsdermabd.com)

 With content:

nginx

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server {

    listen 80;

    server\_name [drsdermabd.com](http://drsdermabd.com) [www.drsdermabd.com](http://www.drsdermabd.com);

    root /var/www/drs-derma;

    index index.html;

    location / {

        try\_files $uri $uri/ =404;

    }

    location ~ \.php$ {

        include snippets/fastcgi-php.conf;

        fastcgi\_pass unix:/var/run/php/php8.1-fpm.sock;

    }

}

Enabled site and restarted Nginx:

bash

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sudo ln -s /etc/nginx/sites-available/[drsdermabd.com](http://drsdermabd.com) /etc/nginx/sites-enabled/

sudo nginx -t

sudo systemctl reload nginx

**5. Domain Configuration**

In Namecheap DNS:

Added A records pointing @ and www to your VPS IP.

Waited for DNS propagation (~5–15 minutes).

**6. SSL Certificate**

You installed **SSL from hosting panel** (not Let’s Encrypt).

Configured Nginx to use the .crt and .key files:

nginx

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server {

    listen 80;

    server\_name [drsdermabd.com](http://drsdermabd.com) [www.drsdermabd.com](http://www.drsdermabd.com);

    return 301 https://$host$request\_uri;

}

server {

    listen 443 ssl;

    server\_name [drsdermabd.com](http://drsdermabd.com) [www.drsdermabd.com](http://www.drsdermabd.com);

    ssl\_certificate /etc/ssl/certs/[drsdermabd.com.crt](http://drsdermabd.com.crt);

    ssl\_certificate\_key /etc/ssl/private/[drsdermabd.com.key](http://drsdermabd.com.key);

    root /var/www/drs-derma;

    index index.html;

    location / {

        try\_files $uri $uri/ =404;

    }

    location ~ \.php$ {

        include snippets/fastcgi-php.conf;

        fastcgi\_pass unix:/var/run/php/php8.1-fpm.sock;

    }

}

Reloaded Nginx:

bash

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sudo nginx -t

sudo systemctl reload nginx

**🎉 Final Result:**

Your **HTML landing page is live at** <https://drsdermabd.com> with SSL.

VPS is properly configured to serve static content and future dynamic apps.