**✅ Step 1: Build the React App**

In your project root (where vite.config.js is):

bash

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npm run build

This will generate a production-ready build inside the dist/ folder.

**✅ Step 2: Serve the dist Folder**

You have **two options**:

**🔹 Option A: Use a Static File Server (Quick & Easy)**

Install serve globally:

bash

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npm install -g serve

Run it:

bash

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serve -s dist -l 3000

Now you can access your app at:

arduino

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http://your-server-ip:3000

(You can change 3000 to any other port if needed.)

**🔹 Option B: Use Nginx (Recommended for Production)**

**1. Install Nginx (if not already)**

bash

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sudo apt install nginx -y

**2. Copy build to a directory**

bash

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sudo cp -r dist/ /var/www/my-react-app

**3. Set Nginx config**

Edit or create a config file:

bash

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sudo nano /etc/nginx/sites-available/my-react-app

Paste this:

nginx

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server {

listen 80;

server\_name your-server-ip-or-domain;

root /var/www/my-react-app;

index index.html;

location / {

try\_files $uri /index.html;

}

}

Save and exit (Ctrl+O, Enter, Ctrl+X)

**4. Enable the site**

bash

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sudo ln -s /etc/nginx/sites-available/my-react-app /etc/nginx/sites-enabled/

**5. Restart Nginx**

bash

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sudo systemctl restart nginx

**🔐 (Optional) Allow port 80 in UFW**

bash

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sudo ufw allow 80

**✅ Done!**

Your React app is now available at:

arduino

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http://your-server-ip/

Would you like to use a domain or SSL (HTTPS)? Let me know!