Final Deployment Guide: Vite + PM2 + Nginx on Ubuntu

Step 1: Build the Vite App

From your project folder:

```
npm install      # installs dependencies

npm run build     # builds the app into dist/
```

Step 2: Start the App on Port 5000 Using PM2

Install `serve` if you havent:

```
npm install -g serve
```

Start the app with pm2:

```
sudo npm install -g pm2

pm2 start "serve -s dist -l 5000" --name nishan-it
```

Check its running:

```
pm2 list
```

Optional: Keep it running after reboot:

```
pm2 startup

# Follow the output (copy and paste the generated command)

pm2 save
```

Step 3: Install Nginx

```
sudo apt update

sudo apt install nginx -y
```

Step 4: Create Nginx Config

```
sudo nano /etc/nginx/sites-available/nishan-it
```

Paste this config:

```
server {

    listen 80;

    server_name yourdomain.com;  # or use your server IP


    location / {

        proxy_pass http://localhost:5000;

        proxy_http_version 1.1;

        proxy_set_header Upgrade $http_upgrade;

        proxy_set_header Connection 'upgrade';

        proxy_set_header Host $host;

        proxy_cache_bypass $http_upgrade;

    }

}
```

Step 5: Enable the Site

```
sudo ln -s /etc/nginx/sites-available/nishan-it /etc/nginx/sites-enabled/
```

```
sudo rm /etc/nginx/sites-enabled/default  # optional
```

Step 6: Test and Reload Nginx

```
sudo nginx -t

sudo systemctl reload nginx
```

Step 7: Access Your Site

Now open in your browser:

```
http://<your-server-ip>

or

http://yourdomain.com
```