Ubuntu Deployment Guide for Node.js + Vue Project

1. Connect to server:

ssh root@YOUR_SERVER_IP

2. Update system:

apt update -y

3. Install Node.js, Git, PM2:

apt install -y curl git

curl -fsSL https://deb.nodesource.com/setup_18.x | bash -

apt install -y nodejs

npm install -g pm2

4. Clone project:

cd /var/www

git clone YOUR_REPO_URL

cd project && npm install

5. Start backend:

pm2 start server.js --name api

pm2 save && pm2 startup

6. Build frontend:

cd frontend

npm install && npm run build

7. Install Nginx:

apt install -y nginx

8. Configure Nginx (sample config):

server { listen 80; server_name yourdomain.com; root /var/www/project/frontend/dist; index index.html; location / { try_files $uri /index.html; } location /api/ { proxy_pass http://127.0.0.1:5000/; } }

9. Enable config:

nginx -t && systemctl restart nginx

10. Install SSL:

apt install -y certbot python3-certbot-nginx

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certbot --nginx -d yourdomain.com
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