**Setting Up finneyproperties.com with Nginx and Certbot**

**1. Create Nginx Configuration File**

Create and edit the Nginx configuration file for your domain:

**sudo nano /etc/nginx/sites-available/finneyproperties.com.conf**

Add the following content:

server {

server\_name finneyproperties.com www.finneyproperties.com;

location / {

proxy\_pass http://localhost:4020; # Update the port if needed

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;

}

listen 80;

}

server {

listen 80;

server\_name finneyproperties.com www.finneyproperties.com;

# Redirect all HTTP traffic to HTTPS

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

}

Save and exit the file (Ctrl + O, then Enter, followed by Ctrl + X).

**2. Enable the Site**

Create a symbolic link in /etc/nginx/sites-enabled/:

**sudo ln -s /etc/nginx/sites-available/finneyproperties.com.conf /etc/nginx/sites-enabled/**

**3. Reload Nginx**

Reload Nginx to apply the changes:

**sudo systemctl reload nginx**

**4. Test Nginx Configuration**

Test to ensure there are no syntax errors in the configuration:

**sudo nginx -t**

**5. Install SSL with Certbot**

Run Certbot to install an SSL certificate for your domain:

**sudo certbot --nginx -d finneyproperties.com -d www.finneyproperties.com**

If prompted with the following options:

* **Option 1:** Reinstall the existing certificate.
* **Option 2:** Renew and replace the certificate.

Select **Option 1** to reinstall the existing certificate.

**6. Verify SSL**

After Certbot completes, verify the certificate by visiting:

* https://finneyproperties.com
* https://www.finneyproperties.com

**7. Renew SSL Automatically**

Certbot automatically sets up a cron job for renewal. To test renewal manually:

**sudo certbot renew --dry-run**

**Troubleshooting**

* **Error: Could not find a matching server block**  
  Ensure the server\_name directive in your configuration matches the domain you specified in Certbot.
* **Error: Directory not writable**  
  Ensure you are using sudo for all commands involving Nginx and Certbot.

This documentation will help you revisit the process in the future!