

Comprehensive Website Audit Report

WebAudit.com - Professional Website Analysis

URL: http://127.0.0.1:5000
Scan Date: 2025-08-22 14:30:02

Overall Audit Scores

Security: 42/100

Performance: 80/100

SEO: 85/100

Accessibility: 100/100

Security Findings

HTTPS Not Enabled

Website is not using secure HTTPS connection

Steps to Fix:

1. Purchase and install SSL certificate
2. Configure server to redirect HTTP to HTTPS
3. Update all internal links to use HTTPS
4. Test all functionality after HTTPS migration

Missing X-Frame-Options

Missing X-Frame-Options header (clickjacking protection)

Steps to Fix:

1. Add X-Frame-Options header to server configuration
2. Configure appropriate values for the header
3. Test the header implementation
4. Monitor for any functionality issues

Missing X-Content-Type-Options

Missing X-Content-Type-Options header (MIME sniffing protection)

Steps to Fix:

1. Add X-Content-Type-Options header to server configuration
2. Configure appropriate values for the header
3. Test the header implementation
4. Monitor for any functionality issues

Missing X-XSS-Protection

Missing X-XSS-Protection header (XSS protection)

Steps to Fix:

1. Add X-XSS-Protection header to server configuration
2. Configure appropriate values for the header
3. Test the header implementation
4. Monitor for any functionality issues

Missing Strict-Transport-Security

Missing HSTS header (HTTPS enforcement)

Steps to Fix:

1. Add Strict-Transport-Security header to server configuration
2. Configure appropriate values for the header
3. Test the header implementation
4. Monitor for any functionality issues

Missing Content-Security-Policy

Missing CSP header (content security policy)

Steps to Fix:

1. Add Content-Security-Policy header to server configuration
2. Configure appropriate values for the header
3. Test the header implementation
4. Monitor for any functionality issues

Missing Referrer-Policy

Missing Referrer-Policy header (referrer control)

Steps to Fix:

1. Add Referrer-Policy header to server configuration
2. Configure appropriate values for the header

3. Test the header implementation
4. Monitor for any functionality issues

Server Information Disclosure

Server header reveals server information: Werkzeug/3.1.3 Python/3.13.7

Steps to Fix:

1. Remove or modify server information headers
2. Configure server to hide version information
3. Use generic server names
4. Regularly audit server configuration

Performance Findings

Slow Page Load Time

Page takes 9.74 seconds to load (should be under 3 seconds)

Steps to Fix:

1. Optimize server response time
2. Minimize HTTP requests
3. Enable compression (Gzip)
4. Use CDN for static assets
5. Optimize images and media files

SEO Findings

Missing Meta Description

Page has no meta description

Steps to Fix:

1. Add unique meta description
2. Keep it between 150-160 characters
3. Include primary keyword naturally
4. Make it compelling for click-throughs