7 free GitHub repos to RANK HIGHER on Google & AI.

Open-source tools for SEO audits, page speed, Search Console data, AI search visibility and analytics. Each one comes with what it does, who it is for, and simple setup steps.

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01 Claude SEO

SEO AUDIT

github.com/AgriciDaniel/claude-seo

★ 26.5K

MIT

A free SEO plugin for Claude Code. Give it a website and 26 sub-skills and 19 specialist agents run a full audit: technical SEO, Core Web Vitals, schema, E-E-A-T, local SEO and AI search (GEO). You get an action plan sorted by impact.

BEST FOR

Anyone who wants a consultant-level audit without paying for an SEO tool.

COST

The plugin is free (MIT). Claude Code itself needs a Claude plan or API credits.

Setup in 3 steps

1. Install **Claude Code** (version 1.0.33 or newer) and open it in your terminal.
2. Run these three commands inside Claude Code:

```
/plugin marketplace add AgriciDaniel/claude-seo
/plugin install claude-seo@agricidaniel-claude-seo
/seo setup
```

3. Run your first audit:

```
/seo audit https://yoursite.com
```

✦ Also try `/seo geo https://yoursite.com` to see how ready your site is for AI search, and `/seo schema` to check and generate structured data.

02 SEOnaut

SITE CRAWLER

github.com/StJudeWasHere/seonaut

★ 850+

MIT

An open-source SEO audit tool that crawls your whole website and flags issues by severity (critical, high, low): broken links, redirect chains, missing or duplicate titles and descriptions, duplicate content and more. A free alternative to desktop crawlers.

BEST FOR

Finding technical errors across every page of a site.

COST

Free and open source (MIT). Runs on your computer or server with Docker.

Setup in 3 steps

1. Install **Docker Desktop**.
2. Create a folder, add the `docker-compose.yml` file from the SEOnaut README, then run:

```
docker compose up -d
```

3. Open **http://localhost:9000**, create your account, add your domain as a project and start the crawl.

✦ Fix the **critical** issues first (broken links, 5xx errors, redirect loops), then re-crawl to confirm.

03 Unlighthouse

PAGE SPEED

github.com/harlan-zw/unlighthouse

★ 4.9K

MIT

Runs Google Lighthouse on every page of your site, not just one, and shows performance, SEO, accessibility and best-practice scores per page in a clean dashboard.

BEST FOR

Finding the slow or broken pages that drag down Core Web Vitals.

COST

Free and open source (MIT). Needs Node.js 22.18+.

Setup in 3 steps

1. Install **Node.js** (version 22.18 or newer).
2. Run one command with your domain:

```
npx unlighthouse --site yoursite.com
```

3. A report opens in your browser. Sort by the lowest performance score and fix those pages first.

✦ Add `.unlighthouse` to your `.gitignore` if you run it inside a project folder; reports are saved there.

04 GSC MCP

SEARCH CONSOLE + AI

github.com/AminForou/mcp-gsc

★ 2.1K

MIT

Connects Google Search Console to Claude (and other MCP-compatible AI assistants), so you can ask about your clicks, queries, pages and indexing issues in plain English instead of digging through reports.

BEST FOR

Site owners and SEOs who live in Search Console.

COST

Free and open source (MIT). Uses your own Google account.

Setup in 3 steps

1. In **Google Cloud Console**: create a project, enable the **Search Console API**, create an **OAuth client ID** (Desktop app) and download the `client_secrets.json` file.
2. Install **uv** (it runs the server for you):

```
curl -LsSf https://astral.sh/uv/install.sh | sh
```

3. Add the server to Claude Desktop's config file (`claude_desktop_config.json`), using the full paths on your computer, then restart Claude:

```
{
  "mcpServers": {
    "gscServer": {
      "command": "/FULL/PATH/TO/uvx",
      "args": ["mcp-search-console"],
      "env": {
        "GSC_OAUTH_CLIENT_SECRETS_FILE": "/full/path/to/client_secrets.json"
      }
    }
  }
}
```

✦ Try asking: *"Which pages lost the most clicks in the last 28 days compared with the previous period?"*

05 llms.txt

AI SEARCH

github.com/AnswerDotAI/llms-txt

★ 2.7K

Apache-2.0

A proposed standard: one markdown file at `yoursite.com/llms.txt` that tells AI tools what your site is about and links to your most important pages, so agents and assistants can find the right information quickly.

BEST FOR

Any business that wants AI tools to understand its services clearly.

COST

Free. It is just a text file you upload to your site.

Setup in 3 steps

1. List the pages that matter most: services, pricing, about, contact, key guides.
2. Write the file in this format (H1 name, a short summary, then sections of links):

```
# Your Business Name

> One or two lines on what you do, for whom, and where.

## Services
- [SEO Audit](https://yoursite.com/seo-audit): What it includes
- [Web Development](https://yoursite.com/web): Next.js and WordPress

## Optional
- [Blog](https://yoursite.com/blog)
```

3. Upload it to the root of your website so it opens at **yoursite.com/llms.txt**.

✦ llms.txt is still a proposal, so not every AI tool reads it yet. It costs nothing to add and is quick to keep updated.

06 Crawl4AI

SEE WHAT AI SEES

github.com/unclecode/crawl4ai

★ 86.9K

Apache-2.0

An open-source crawler that turns any web page into the clean markdown an LLM reads. Run it on your own pages: if your prices, services, FAQs or key facts are missing from the output, AI search tools may miss them too.

BEST FOR

Checking how readable your pages are for AI search and LLMs.

COST

Free and open source (Apache-2.0) when you run it yourself.

Setup in 3 steps

1. Install it with Python and set up the browser (once):

```
pip install -U crawl4ai
crawl4ai-setup
```

2. Save this as `check.py`, put in your page URL and run `python check.py`:

```
import asyncio
from crawl4ai import AsyncWebCrawler

async def main():
    async with AsyncWebCrawler() as crawler:
        result = await crawler.arun(url="https://yoursite.com")
        print(result.markdown)

asyncio.run(main())
```

3. Read the output. Anything important that is missing (hidden in images, tabs or scripts) should be added as plain text on the page.

✦ Run `crawl4ai-doctor` if the setup gives errors.

07 Umami

ANALYTICS

github.com/umami-software/umami

★ 39.9K

MIT

Privacy-first, cookie-free web analytics you host yourself: traffic, referrers, campaigns, behaviour and conversions on one clean dashboard. A lightweight alternative to Google Analytics.

BEST FOR

Simple, privacy-friendly analytics without a cookie banner for analytics.

COST

Free and open source (MIT) when self-hosted. Needs a server (or your computer) with Docker, or Node.js + PostgreSQL.

Setup in 3 steps

1. Get the code and start it with Docker (it includes a PostgreSQL database):

```
git clone https://github.com/umami-software/umami.git
cd umami
docker compose up -d
```

2. Open **http://localhost:3000** (or your server address), log in with the default admin account from the Umami docs and **change the password straight away**.

3. Add your website in Settings, copy the tracking script it gives you and paste it into the `<head>` of your site.

✦ Use the UTM and campaign reports to see which posts and channels actually bring visitors.

Start with one tool this week, not all seven.

A simple order that works for most websites:

01 Run **Claude SEO** or **SEOnaut** to get your full list of issues.

02 Use **Unlighthouse** to find and fix your slowest pages.

03 Connect **GSC MCP** and ask which pages are losing clicks.

04 Check your key pages with **Crawl4AI** and add an **llms.txt** file.

05 Track the results with **Umami** .

Star counts and setup steps are from each project's GitHub page (November 2026). Projects change, so check the README if a command doesn't work.

Follow **@shakirc.ai** on Instagram for more practical SEO, AEO and GEO tools.



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