HOW AGEOAGENCY.COM IS BUILT

A website that AI tools can read, with no CMS

We built our site as plain HTML on Cloudflare. Pages load fast. AI crawlers read every word. Free tools turn visits into leads. The A/GEO Answers chat answers from our public pages only.

0	37	$5	0
Outside packages in the build script	Checks in the free AI Visibility Score, in 8 factors	Daily spend cap on the chat model ($50 a month)	Accessibility issues on 32 pages (axe-core, Nov 1, 2026)

01 Domains and edge

- **Cloudflare DNS** — ageoagency.com, ageo.agency and localaipresence.com
- **Cloudflare Pages** — Hosting. A new build and publish at each commit
- **Pages Functions** — One canonical host (301), offer domains, password gate for proposals
- **Edge cache** — Caches scan results. Counts chat messages per address

02 The website

- **Static HTML** — One Node build script turns page files into plain HTML
- **schema.org JSON-LD** — Organization, Service, Article, FAQPage on each page
- **llms.txt and sitemap** — Short site summary for AI tools, and a full page list
- **Self-hosted type** — Roboto, Open Sans, JetBrains Mono. Sizes in rem

03 Free tools that bring in leads

- **AI Visibility Score** — Scans a site in about 20 seconds
- **Visibility Audit** — 50 checks in four phases
- **Schema Generator** — JSON-LD for a business
- **PDF to Flipbook** — Runs in the browser with pdf.js
- **LLM Watch** — Models, benchmarks, research

04 A/GEO Answers site chat

1 Check — **Turnstile** — Bot check once per chat

2 Sort — **Jev by TypeSafe** — On topic? Rule change? Intent?

3 Find — **AI Search + R2** — Public pages only. BM25 backup

4 Limit — **AI Gateway** — Logs each call. Stops at the cap

5 Write — **Claude Haiku 5.5** — Llama 3.3 70B on Workers AI as backup

6 Show — **SSE + AG-UI** — Answer word by word, with sources

05 Leads, email and payment

- **Form function** — Every form posts to /api/form on Pages Functions
- **Resend** — Lead alerts, contacts and playbook emails from ageoagency.com
- **Stripe Payment Links** — Checkout for the $249 Starter Package
- **Web Analytics** — Cloudflare page counts with no cookies

06 Build and quality

- **GitHub** — Code and full page history
- **GitHub Actions** — Sends new page text to R2 for the chat
- **Wrangler** — Runs the site and functions on a local computer
- **Playwright + axe-core** — WCAG 2.2 AA checks in light and dark

Why we did not use a CMS

- Each page is complete HTML on the first request. The main AI crawlers from OpenAI and Anthropic do not run JavaScript (Vercel, December 2024).
- No plugins to patch, no theme updates and no database to attack.
- Schema, FAQs, the sitemap and llms.txt come from the same page data. They cannot drift apart.
- ☐ Trade-off: we edit pages in code, not in a dashboard. AI coding tools make each edit fast.

How the chat stays on public facts

- The index holds public pages only. Private proposals and noindex pages never enter it.
- The model answers from the matched sections only. It must not invent prices or results.
- Messages that try to change the rules get a fixed reply. No model call runs.
- Code picks the buttons. The chat removes links to other websites.
- 12 messages per chat, 20 per hour per address, $5 a day and $50 a month.

See how AI tools read your website

The free AI Visibility Score runs 37 checks on your public pages in about 20 seconds. You get your score and your top three fixes.

Scan the code · ageoagency.com/ai-visibility-score