

AI Skill: Launch a Production-Grade Store or Blog on Cloudflare, for Free

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AI SKILL

A Production-Grade Store or Blog on Cloudflare, for Free

It asks questions first, then ships a secure site at zero cost

- \$0/mo**
Runs on Cloudflare's free tier
- 5M/day**
Free database reads on D1
- 1 file**
Any AI agent can run it

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There is a new open-source agent skill that launches a production-grade online store, blog, or checkout flow on Cloudflare, and runs entirely on the free tier. A skill is just a SKILL.md file of instructions that an AI coding agent loads on demand, so it works in VS Code Copilot, Claude Code, or any chat agent. Instead of coding blindly, it interviews you first: a 3-question fast path for beginners, or a 45-question round for a shop. Then it writes a phased plan

and builds one tested slice at a time, committing after each phase. The stack is Next.js 16 on Cloudflare Workers with a [D1](#) SQLite database and R2 file storage, through the current [@opennextjs/cloudflare](#) adapter (1.19.11).

Free here means production-ready, not a demo. Cloudflare's free tier covers 100,000 requests a day on Workers, 5 million database reads a day on D1, and 10 GB of file storage with free bandwidth. A complete shop with a blog and an admin dashboard launches with no monthly bill and scales as traffic grows. Security is built in: Workers-compatible password hashing (the common bcrypt library does not run there), verified payment webhooks, and orders saved before the payment redirect so none are lost.

This fits a wider shift: treating an agent's knowledge as version-controlled files you share, review, and improve, like [AgentSPEX turns agent workflows into readable specs](#). The hard part of AI coding is no longer the code. It is knowing each platform's traps, and a skill captures exactly that.

Sources:

- [cloudflare-nextjs-skill on GitHub](#)
- [OpenNext for Cloudflare](#)
- [Cloudflare Workers Next.js framework guide](#)
- [@opennextjs/cloudflare on npm](#)
- [Agent Skills standard](#)

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