



A news site that writes and publishes itself every day

Scrapers, a writer agent, a reviewer with veto, and a static site that deploys on merge.



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Solution Engineer

The problem

Following AI releases closely enough to write about them every day is a full time job. Sources publish at all hours, most items repeat each other, and the few that matter still have to be read before they can be summarised.

A publication that depends on someone finding an hour each morning stops publishing in its first busy week.

- APPROACH

Source to published article

Three stages, each able to fail without taking the site down. Scrapers pull from RSS feeds and APIs into SQLite and drop duplicates before anything reaches a model. A writer agent turns each surviving source into a short digest. A reviewer agent then checks that draft for factual accuracy, plagiarism and format before it is allowed anywhere near the site.

The reviewer is what makes the pipeline safe to leave alone. Rewriting someone else's reporting is exactly where an unattended system embarrasses you, so nothing publishes without passing that gate.



- HIGHLIGHTS

How it works

- DUPLICATES DIE BEFORE THEY COST ANYTHING

Deduplication happens in the scraper against the local store, so the same story arriving from six feeds is paid for once.

- A REVIEWER AGENT THAT CAN SAY NO

Every draft is checked for factual accuracy, plagiarism and format. A rejected draft goes back to the writer instead of to the site.

- SHIPS WITHOUT A HUMAN IN THE LOOP

Approved articles are committed and published automatically, alongside scheduled jobs for search-console ingest and the newsletter.

Results & impact

runs unattended

commits and publishes with no human step

200 to 400 words

per digest, enforced by the writer agent

reviewed before publish

accuracy, plagiarism and format gate

• STACK

Tech stack

TypeScript

monorepo across packages

Claude Agent SDK

writer and reviewer agents

Astro

static site generation

SQLite

source store and dedup

BullMQ and Redis

job queue and scheduling

Vitest

test suite



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• [Live demo](#)