DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

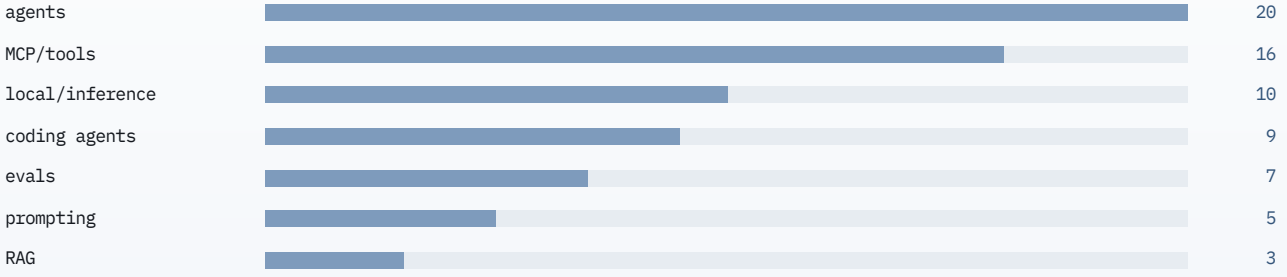
Today in AI engineering
2026-10-27

Daily AI-engineering signal (mechanical fallback — LLM error: 404 Client Error: Not Found for url: https://api.groq.com/openai/v1/chat/complet)

5 deep dives **3** builder stories **15** quick hits **318** items scanned mode: **mechanical fallback**

agents mcp/tools local/inference coding agents evals prompting rag

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 318



hackernews **58** github **76** huggingface **29** reddit **144** rss **11** x/twitter **skipped**

DEEP DIVES

Show HN: Hob - Open-source, on device alternative to Claude Cowork and ChatGPT

HN

Hey HN, I'm Christian and this is a new OSS project I've been noodling on for the last couple of weeks. Hob is a free, MIT-licensed desktop app for Mac, Windows and Linux that works on your files the way the Claude and ChatGPT desktop apps do, except the model runs on your own computer. It uses open

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/FrigadeHQ/hob

Show HN: Mainplane – Agent in Go that lives on your old PC, drives your laptop

Show HN

Hi HN, I'm Alexander. Yes, this is another agent harness. Here is why I built one anyway. I was engineer #2 at Browser Use, where I built our agent harness and the evals behind it, including BU Bench, which became a default benchmark for browser agents. I left in September to build Mainplane. The pr

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https://github.com/mainplane-ai/mainplane

The Exponential Time Hypothesis Is False [pdf]

HN

See also: Announcing three new discoveries in mathematics, computer science, and physics - https://news.ycombinator.com/item?id=50251344

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/openai/math/blob/main/preprints/The-Exponential-Time-Hypothesis-is-False-October-25-2026/paper.pdf

Shaitrish/37studio

GitHub

Open-source AI alternative to Buffer and Opus Clip: Claude Code makes on-brand videos, posts them to 9 platforms and drafts replies. Self-hosted, your own keys.

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/Shaitrish/37studio

thomasunise/argus

GitHub

Open-source agentic security operations platform:

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/thomasunise/argus

WHAT PEOPLE ACTUALLY BUILT

Show HN: TablePro – open-source native database client for macOS

Show HN

Hi HN, I'm Dat. I started building TablePro last December because I want a native, open-source database client for Mac. I already used TablePlus there before with free but have too much limit, so I built my own. TablePro is written in Swift and currently supports more than 30 dat

> **STEAL THIS**
> Flagged by keyword heuristics as a first-person build write-up — read the post for the details.

https://github.com/TableProApp/TablePro

I built a tiny self-hostable kanban board MCP server for coding agents: 10–60 tokens per reply, ~3 MB of RAM

r/LLMDevs

I built kanzo, a tiny self-hostable kanban board that's also an MCP server, so Claude Code and Codex can pick tasks from the same board I use. Free and open source (AGPL). The whole point is to keep it simple, small and cheap for agents. One Rust binary with SQLite inside, ~5k li

> **STEAL THIS**
> Flagged by keyword heuristics as a first-person build write-up — read the post for the details.

https://www.reddit.com/r/LLMDevs/comments/1xgdoar/i_built_a_tiny_selfhostable_kanban_board_mcp/

Coding agents read your .env and logs: I built a local layer that masks keys and personal data before the model sees them

r/LLMDevs

Disclosure: I'm the author. Agent CLIs read whatever is in the project, including .env files, logs and support tickets, and send it to the model. Cloakroom runs hooks on your machine that swap keys, names, emails and addresses for placeholders before the model sees them, and put

> **STEAL THIS**
> Flagged by keyword heuristics as a first-person build write-up — read the post for the details.

https://www.reddit.com/r/LLMDevs/comments/1xga1x7/coding_agents_read_your_env_and_logs_i_built_a/

QUICK HITS

lucianodiisouza/flecha-browser GITHUB

Open-source Arc alternative for macOS: a Chromium browser for developers with Spaces, a dev command bar and a built-in MCP server for coding
https://github.com/lucianodiisouza/flecha-browser

xingjian-bai/opal GITHUB

OPAL: a reactive optimizer. A coding agent rewrites the optimizer while your model trains.
https://github.com/xingjian-bai/opal

larchanka/skills GITHUB

This repository is a collection of independent skills and tools for software development and automation. Each skill is a self-contained proj
https://github.com/larchanka/skills

Anthropic S-1 HN

https://www.sec.gov/Archives/edgar/data/2130357/000162828026067168/anthropicpbc-sx1.htm

deepseek-ai/DeepSeek-V4.1-Flash-1017 HF MODEL

Trending model on Hugging Face — image-text-to-text, transformers; 3282 likes, 105,667 downloads.
https://huggingface.co/deepseek-ai/DeepSeek-V4.1-Flash-1017

Show HN: Ranwhat.com SHOW HN

Hi HackerNews, My name is Matija, and I'm building ranwhat.com. It's used for checking if any of your secrets have leaked, and where they le
https://github.com/MatijaMiki/ranwhat

Cattmonkey/ChaosIntelligence GITHUB

把智能体当函数，把想法写成程序。Agent-native functional language with a CLI, Web IDE, goal-driven bots and live UI. Source-available; no AI training.
https://github.com/Cattmonkey/ChaosIntelligence

abenzerps/Qwen-Image-2.1-Uncensored-Quantized HF MODEL

Trending model on Hugging Face — text-to-image, gguf; 5137 likes, 2,201,569 downloads.
https://huggingface.co/abenzerps/Qwen-Image-2.1-Uncensored-Quantized

RecursiveSI/flint HF MODEL

Trending model on Hugging Face — text-generation, transformers; 939 likes, 10,574 downloads.
https://huggingface.co/RecursiveSI/flint

dolev31/lasagna GITHUB

Swap one RAG pipeline stage, hold the rest fixed, and measure whether the gain survives composition. The framework behind "Retrieval Augment
https://github.com/dolev31/lasagna

h9-tec/ai-roadmap-2026 GITHUB

AI Roadmap 2026: a beginner's path through Foundations, LLM Engineering, Agents, Evaluation, and Production, with verified free resources an
https://github.com/h9-tec/ai-roadmap-2026

Jev Decision Index HF SPACE

Trending Space (static, 823 likes). Benchmarks and news on various repros of TypeSafe's Jev
https://huggingface.co/spaces/multimodalart/jev-decision-index

blorm-network/ZerePy GITHUB

ZerePy an open-source framework for AI agents written in Python
https://github.com/bIorm-network/ZerePy

Nanbeige/Nanbeige4.3-33B HF MODEL

Trending model on Hugging Face — text-generation, transformers; 625 likes, 4,785 downloads.
https://huggingface.co/Nanbeige/Nanbeige4.3-33B

XRayLau1/maitaiyi GITHUB

麦门综合门诊：12 项问诊测出你的麦门体质，出具诊断证明书与 Rp. 处方笺（麦当劳 MCP）
https://github.com/XRayLau1/maitaiyi