DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

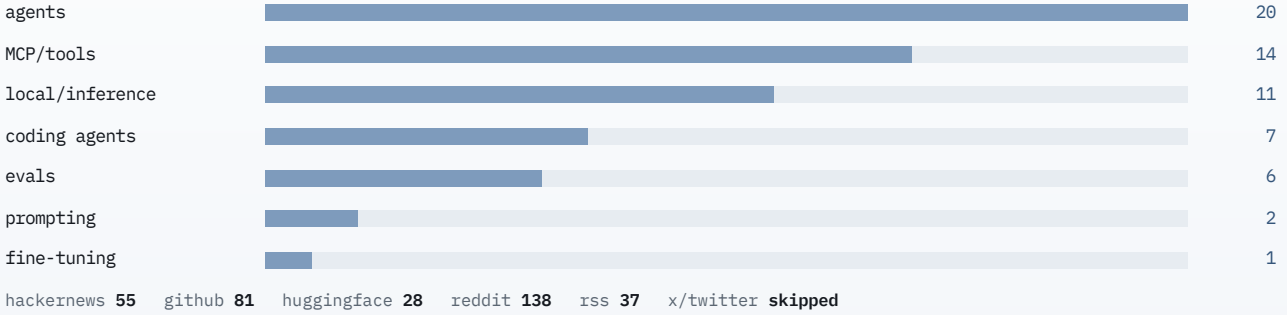
Today in AI engineering 2026-10-30

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 **339** items scanned mode: **mechanical fallback**

agents mcp/tools local/inference coding agents evals prompting fine-tuning

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 339



hackernews **55** github **81** huggingface **28** reddit **138** rss **37** x/twitter **skipped**

DEEP DIVES

Show HN: Auto Dismiss Mac OS "Allow <app> to find devices on local networks?"

Show HN

This popup has been a constant gripe of mine for years. I almost NEVER want to allow this permission and there is no system setting to disable it globally and prevent the popup from interrupting your typing, etc. This tiny swift app I built will autoclose it in 1/4th of a second and leave behind a l

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/johncassil/dontallow

qybaihe/bla

GitHub

🛡️ BLA (Blind LLM Agents) — Adversarial defense shield that protects binaries, Electron apps, JS bundles, Python, and WebAssembly against AI reverse-engineering agents like REA. Poison -> Exhaust -> Hallucinate.

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/qybaihe/bla

codician-team/diffinery

GitHub

Open-source, agent-first GitHub and GitHub Actions alternative that runs on your own Cloudflare account: git hosting, pull requests, code review and drop-in GitHub Actions YAML on Workers, Durable Objects, R2 and Containers.

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/codician-team/diffinery

Show HN: I Turned DOOM into a Transformer

HN

Instead of trying to run DOOM on things, I have instead decided to use DOOM (many, many, many doom games actually) to create a transformer. For a lot of the math required I essentially had to use DOOM game mechanics and voodoo dolls (DOOM is turing complete btw) and exchange them with the actual ope

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/mottopanikeiku/doomformer

emanuele-em/kanzo

GitHub

Self-hosted kanban for humans and agents. One 4 MB binary, starts in 2 ms, zero setup.

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/emanuele-em/kanzo

WHAT PEOPLE ACTUALLY BUILT

Show HN: Fitness Functions for Dbt Projects

Show HN

Managing data transformation (e.g. dbt) projects at scale can be challenging: DAG violations, that one model that grew to 2K lines, duplicated logic. Inspired by the book 'Building Evolutionary Architectures' I built tff to help data transformation projects evolve in a desired di

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

https://github.com/tjirab/tff

Show HN: Nouli – A multi-turn decision graph harness for System One models

Show HN

I've been fine tuning my own decision models lately and I've been interested in how there are no real multi-turn harnesses out there for decision models. I decided to build my own. The standard claude code style interface doesn't quite make sense with a decision model since it is

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

https://github.com/standing-desks/nouli

Show HN: I created a spreadsheet in a plain text file

Show HN

I built a plain-text spreadsheet format and an app for working with it. It began with small tasks like tracking my dog's health records and organizing records for tax season. Full spreadsheet apps always felt excessive, while Markdown tables don't support formulas. Also, its comp

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

https://app.ordinate.dev

QUICK HITS

thomasunise/argus GITHUB

Open-source agentic security operations platform:
https://github.com/thomasunise/argus

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

Show HN: Overtone – Transcribe, correct and cut captions for any screen shape SHOW HN

Hi HN, I'm Ruud, co-founder of Lont. We turn company emails into personalized videos. Video captions cost us manual work twice: fixing mishe
https://github.com/lonthq/overtone-captions

Show HN: phpClaw – AI agent runtime for PHP with tools, memory and guards SHOW HN
https://github.com/phpclaw-php/phpclaw-monorepo

We're releasing the weights of Mistral Large 4 HN
https://mistral.ai/news/mistral-large-4-oss/

Show HN: Lasm – Write formally verified webapps in Lean for Node/serverless/edge SHOW HN

Lasm has been my dream for a good part of 2026. I firmly believe that formal verification is the next evolution of software engineering and
https://github.com/Millillion/lasm

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

Trending model on Hugging Face — text-to-image, gguf; 5337 likes, 2,516,721 downloads.
https://huggingface.co/abenzerps/Qwen-Image-2.1-Uncensored-Quantized

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

Trending model on Hugging Face — image-text-to-text, transformers; 3929 likes, 145,869 downloads.
https://huggingface.co/deepseek-ai/DeepSeek-V4.1-Flash-1017

Nanbeige/Nanbeige4.3-33B HF MODEL

Trending model on Hugging Face — text-generation, transformers; 787 likes, 12,178 downloads.
https://huggingface.co/Nanbeige/Nanbeige4.3-33B

blorm-network/ZerePy GITHUB

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

boyuchengz/canvas-mcp GITHUB

Read-only MCP server that connects Claude, ChatGPT and other AI assistants to Canvas LMS.
https://github.com/boyuchengz/canvas-mcp

Show HN: An open-source app for IELTS preparation SHOW HN

https://github.com/Luxshan2000/ielts-prep

LiquidAI/LFM3-1.7B HF MODEL

Trending model on Hugging Face — text-generation, transformers; 518 likes, 23,694 downloads.
https://huggingface.co/LiquidAI/LFM3-1.7B

ChinaOpenClaw/mcd-nutrition-expert GITHUB

身材管控期也想吃麦当劳？这个专家会帮你根据每日消耗搭配麦麦套餐。基于 SP 矩阵理论，打通麦当劳官方 MCP Server 的营养选型与点餐闭环（35 个官方工具 · 14 个 REST 接口 · 零第三方前端依赖）。
https://github.com/ChinaOpenClaw/mcd-nutrition-expert

juraj-jumic/dspark-local-bench GITHUB

Does DSpark speculative decoding help on your GPU, for one user? Reproducible batch-size-1 benchmarks for llama.cpp on consumer GPUs.
https://github.com/juraj-jumic/dspark-local-bench

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