DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

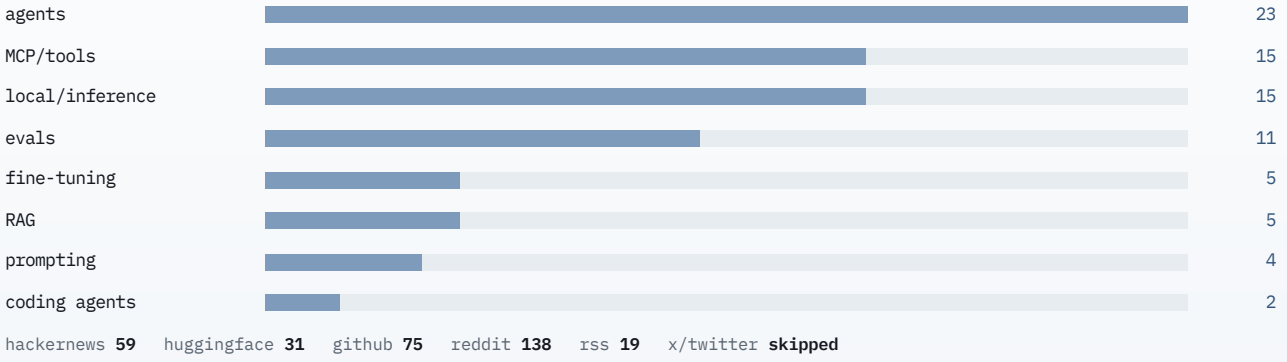
Today in AI engineering
2026-09-29

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 **322** items scanned mode: **mechanical fallback**

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

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 322



hackernews **59** huggingface **31** github **75** reddit **138** rss **19** x/twitter **skipped**

DEEP DIVES

Show HN: PaperMono, e-ink fridge magnet shopping list with mobile web page

HN

Fridge magnet shopping list on an M5Stack PaperMono (ESP32-S3, e-ink touchscreen), synced with a phone web app over Wi-Fi. Works offline, ~2,400 lines of C++. This is a great wee device! BLE, Wi-Fi and LoRa on one board makes it flexible for way more than a shopping list, this is just what I built f

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/seamusc/papermono-shopping-list

Show HN: Hntui – A TUI for Hacker News

Show HN

hi there! i'd like you to try out a tui i made for browsing hackernews. it's built using opentui and also effect (learning experiment). i really like it and i think you will too!

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/ahmd-sh/hntui

convaiinnovations/laya

HF model

Trending model on Hugging Face — text-classification, transformers; 4417 likes, 0 downloads.

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://huggingface.co/convaiinnovations/laya

Jev Decision Index

HF Space

Trending Space (static, 313 likes). Benchmarks and news on various repros of TypeSafe's Jev

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://huggingface.co/spaces/multimodalart/jev-decision-index

breakstageaxe61/genspark-claw

GitHub

🦀⚡ Community skill pack & CLI for Genspark Claw, OpenClaw & Hermes agents — 5 production-ready SKILL.md skills (deep research, reports, slides, browser automation, AI call prep), zero-dependency Node.js installer, MCP server, one-line install

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/breakstageaxe61/genspark-claw

WHAT PEOPLE ACTUALLY BUILT

Show HN: Talktome - let your AI Agent call you

Show HN

I built TalkToMe, an open-source macOS app that lets an agent call you from its current session. You answer, talk, and hear its replies. The agent keeps its tools, files, and history. It works with Codex (Tested extensively, quite smooth), Claude Code (not tested heavily), Hermes

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

https://github.com/rohanprichard/talktome

Show HN: JBR-001 – An open-source 3D printable desktop robot

Show HN

We built a desktop companion robot that is powered by Arduino UNO Q. Project is open source: source code, 3D printable files and assembly instructions are available at Arduino Project Hub. Robot is equipped with camera, distance sensor, buzzer, moves head and arms with 3 servo mo

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

https://projecthub.arduino.cc/syntheticaidata/jbr-001-a-desktop-companion-robot-powered-by-arduino-uno-q-b11c96

Show HN: HN.watch – Videos of all Hacker News posts

HN

Hi HN, I'm Per, founder of Scrimba (YC S20). We've spent the last decade teaching people how to code with an HTML-based video format. We've now plugged an LLM into it, so that people can create explainer videos about anything. It's called "Scrimba Explain". To demo this technolog

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

https://hn.watch/

QUICK HITS

Edge0/Audio8-ASR-Infinite HF MODEL

Trending model on Hugging Face — automatic-speech-recognition, transformers; 1459 likes, 23,674 downloads.
https://huggingface.co/Edge0/Audio8-ASR-Infinite

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

Trending model on Hugging Face — text-to-image, gguf; 2341 likes, 1,152,523 downloads.
https://huggingface.co/abenzerps/Qwen-Image-2.1-Uncensored-GGUF

Show HN: OpenAPPA – open-source deterministic guardrails that don't break agents SHOW HN

Hi Hacker News! Matvey, one of the authors, is here. While building enterprise agents, we ran into a problem: the more tools you connect to
https://www.openappa.com/

ESP32S3 cluster running 1.58-bit (BitNet) Language model HN

https://github.com/Low-Zi-Hong/ESP32s3-LLM-Cluster

Show HN: Pac-Bench – How well can models one-shot a Pac-Man game? SHOW HN

Benchmarks how well Harness+models can create a Pac-Man game from a single prompt: "Create a Pac-Man game in a single HTML page" Each model
https://jonclegg.github.io/pacman-bakeoff/

Show HN: Open-source skills for end-to-end video ad campaigns SHOW HN

Hey there! We are building SuperCMO Skills, open source tools which allow agents (Claude Code, Cursor, Codex, etc.) to research, plan and cr
https://github.com/SupercmoHQ/superCMO-skills

Qwen/Qwen-Image-2.1 HF MODEL

Trending model on Hugging Face — text-to-image, diffusers; 2627 likes, 64,362 downloads.
https://huggingface.co/Qwen/Qwen-Image-2.1

XingChen-AGI/TeleOCR HF MODEL

Trending model on Hugging Face — image-text-to-text, transformers; 830 likes, 30,354 downloads.
https://huggingface.co/XingChen-AGI/TeleOCR

XingChen-AGI/Xing4.0-29B-A4B HF MODEL

Trending model on Hugging Face — text-generation, transformers; 1803 likes, 46,557 downloads.
https://huggingface.co/XingChen-AGI/Xing4.0-29B-A4B

Show HN: Lemma.work – Open-source AI coworkers your whole team can share SHOW HN

https://github.com/lemma-work/lemma-platform

Sonnet 5.5 HN

https://www.anthropic.com/claude-sonnet-5-5

Show HN: Omnesis – A private knowledge layer for ChatGPT and other agents SHOW HN

Imagine giving ChatGPT or any other agent access to your Whatsapp/iMessage, bank transactions, health data, web pages you see, metadata abou
https://omnesis.dev/

Contrastive-LM/CLM-v0.1-8B HF MODEL

Trending model on Hugging Face — text-ranking, contrastive-lm; 504 likes, 1,910 downloads.
https://huggingface.co/Contrastive-LM/CLM-v0.1-8B

graygnatconsole/mcp-audit-tool GITHUB

🛡️ Security audit CLI for Model Context Protocol (MCP) servers — scan AI agent configs for tool poisoning, rug pulls, hardcoded secrets, com
https://github.com/graygnatconsole/mcp-audit-tool

architectds/collabosm GITHUB

A local app that rents a GPU in your own Colab account and serves Qwen3.8 on it: 27B on an A100-40G, or Flash-Next (125B-A6B MoE) on an A100
https://github.com/architectds/collabosm

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