DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

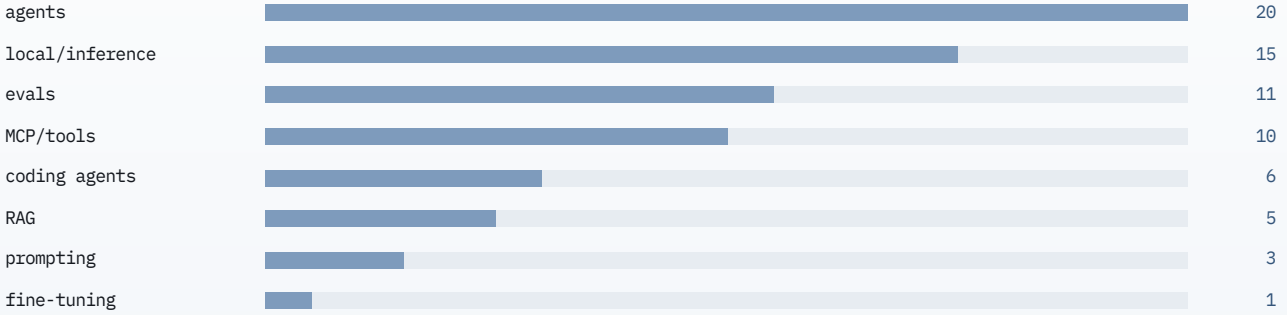
Today in AI engineering
2026-09-09

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 **327** items scanned mode: **mechanical fallback**

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

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 327



hackernews **61** github **78** huggingface **24** reddit **147** rss **17** x/twitter **skipped**

DEEP DIVES

I-have-ADHD: A skill to stop coding agents from burying the answer

HN

(no summary)

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/ayghri/i-have-adhd

okf-memory/okf-agent-memory

GitHub

Git-native persistent memory for AI coding agents. Implements Google OKF v0.2 with sub-300µs in-memory BM25 search, embedded MCP server, and progressive disclosure. Slashes token bloat by 80% with zero external databases or dependencies. Built in pure Go.

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/okf-memory/okf-agent-memory

noskillish/bankmcp

GitHub

BankMCP™: your AI can now read your bank. Self-hosted, read-only MCP server for your own bank accounts via open banking (Enable Banking). Standard MCP; tested with Claude and Ollama.

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/noskillish/bankmcp

PillCrew/deedchain

GitHub

Benchmark of report fidelity for browser agents: does the agent's final report tell the truth about what it actually did?

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/PillCrew/deedchain

Show HN: CUDA/graphics in QEMU-KVM VMs without passing the Nvidia card to them

Show HN

Hi HN. I built this because I wanted a VM with a real GeForce GPU without losing the card on my desktop. It allows you to run CUDA and graphics in VMs without VFIO/vGPU by forwarding the NVIDIA driver's own ioctl surface from the guest to the host. That means stock libcuda and real Vulkan ICD run in

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

> **TRY THIS**
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https://github.com/reindertpelsma/nvkvm-pv

WHAT PEOPLE ACTUALLY BUILT

We built a repo-local state layer for Codex sessions (open source)

r/LLMDevs

I use Codex across many sessions on the same project. Picking up the work often means checking which decisions still apply and whether an earlier test result covers the code that’s there now. We built Sigma Operator Stack to keep that information in the repository. I’m one of the

> **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/1waptr7/we_built_a_repolocal_state_layer_for_codex/

Anyone tried self-hosting 3D object generation?

r/LocalLLaMA

Found this post: https://www.reddit.com/r/ClaudeAI/s/At9QNEbawK of someone fully developing a game through AI writing code, generating 3D models, etc. (he is using Meshy to create the 3D models). I was curious about creating something similar with Hermes Agent (or other?) that wo

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https://www.reddit.com/r/LocalLLaMA/comments/1waonrd/anyone_tried_selfhosting_3d_object_generation/

I built a lightweight prompt injection detector using MiniLM + Logistic Regression — looking for technical feedback

r/LLMDevs

I've been experimenting with a lightweight approach to detecting prompt injection before untrusted input reaches an LLM or agent. The main constraint was: can this be done without running another large LLM for every input? The current architecture is intentionally simple: Input t

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https://www.reddit.com/r/LLMDevs/comments/1walht6/i_built_a_lightweight_prompt_injection_detector/

QUICK HITS

Multi-Agents LLM Financial Trading Framework HN
https://github.com/TauricResearch/TradingAgents

nahidalam/world_model_from_scratch GITHUB
Code repository for World Model From Scratch book
https://github.com/nahidalam/world_model_from_scratch

Show HN: VolAnti – Open-source acoustic detector for fibre-optic FPV drones SHOW HN
This project has been a month in the making, and 9 fully functional units will be sent tomorrow to an undisclosed civilian site across the I
https://github.com/agamrossen/VolAnti

On the Navier–Stokes Millennium Prize Problem HN
Further discussion: https://simonwillison.net/2026/Sep/8/on-navier-stokes/ , https://news.ycombinator.com/item?id=49621697 https://twitter.c
https://openai.com/index/navier-stokes-solution/

XHToken/Spark-X2.5-4B HF MODEL
Trending model on Hugging Face — text-generation, transformers; 945 likes, 10,661 downloads.
https://huggingface.co/XHToken/Spark-X2.5-4B

hsj576/virtual-ai-infra-team GITHUB
An open-source virtual AI Infra team that discovers, benchmarks, and safely upgrades local LLM inference—with independent quality gates, a s
https://github.com/hsj576/virtual-ai-infra-team

Show HN: Homebutler – reports what changed on your server, not what's running SHOW HN
https://github.com/Higangssh/homebutler

openbmb/MiniCPM5-2B HF MODEL
Trending model on Hugging Face — text-generation, transformers; 788 likes, 2,879 downloads.
https://huggingface.co/openbmb/MiniCPM5-2B

Show HN: DriveSync – fast Git-styled Google Drive sync CLI SHOW HN

https://github.com/scaleninja/drivesync

Qwen/Qwen3.8-27B HF MODEL

Trending model on Hugging Face — image-text-to-text, transformers; 14441 likes, 6,712,160 downloads.

https://huggingface.co/Qwen/Qwen3.8-27B

ISTA-DASLab/Qwen3.8-27B-GSQ-RCO-GGUF HF MODEL

Trending model on Hugging Face — image-text-to-text, gguf; 684 likes, 479,597 downloads.

https://huggingface.co/ISTA-DASLab/Qwen3.8-27B-GSQ-RCO-GGUF

Mistral raises €3B HN

https://mistral.ai/news/mistral-makes-sovereign-open-weight-ai-to-frontier/

Show HN: AI-first open-source alternative to Microsoft and Google Office SHOW HN

InjOffice — AI-first open-source alternative to Microsoft Office and Google Workspace

https://github.com/injectinglabs/injoffice

Show HN: Notifkit, self-hosted notification infra for email, SMS, push,etc. +MCP SHOW HN

https://github.com/devkitshq/notifkit

chadhurley25075-png/pd-bridge GITHUB

Heterogeneous prefill/decode for DeepSeek-V4-Flash: CUDA prefill (DGX Spark, vLLM) -> Metal decode (Mac Studio, oMLX) over plain 10GbE

https://github.com/chadhurley25075-png/pd-bridge

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