DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

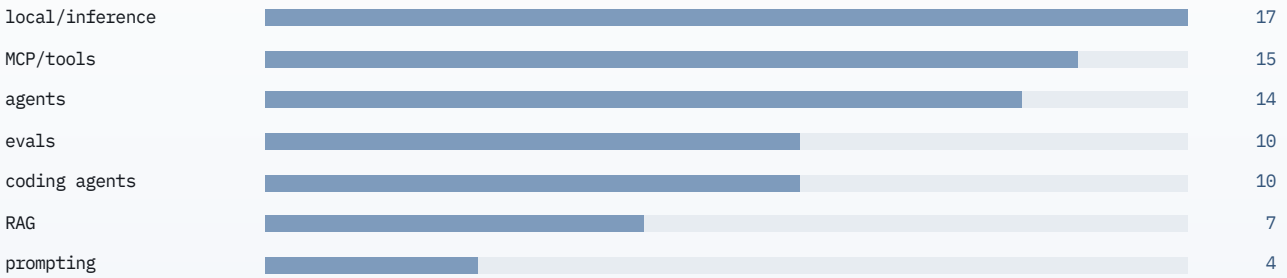
Today in AI engineering 2026-10-21

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 **332** items scanned mode: **mechanical fallback**

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

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 332



hackernews **56** github **81** huggingface **28** reddit **134** rss **33** x/twitter **skipped**

DEEP DIVES

Show HN: VoidAccess – open-source dark web OSINT, from query to a graph

Show HN

Hi HN! Im Katriel, and im a Security Researcher/Enthusiast and in the wave of AI, i wanted to build that next gen of security tooling that surpasses the current tools, and even the paid industries with an open source engine. I built MailAccess as well, which is going to be the best damn email osint

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/KatrielMoses/voidaccess

DeepInfer: High-performance inference framework for DeepSeek models

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/deepseek-ai/DeepInfer

LiCinCan/blender-ai-mcp-addon

GitHub

AI assistant and MCP server for Blender: visual chat, scene tools, multi-agent workflows. Works with OpenAI, ChatGPT, Claude, Gemini, Ollama, OpenCode. Blender AI addon and plugin, copilot for 3D, bpy Python scripting, MCP integration.

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/LiCinCan/blender-ai-mcp-addon

Show HN: Civ 1 period accurate decompilation

Show HN

I've used LLMs to decompile Civ 1 and put the reconstructed C source on GitHub, along with a technical book and story. The reconstructed source builds with what i'm pretty sure is the original Microsoft C compiler and toolchain. It produces a byte-for-byte match with the original executable, aside 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/sjmelia/civd

eagle-hq/EAGLE-4

GitHub

Official Inference Code of EAGLE-4

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/eagle-hq/EAGLE-4

WHAT PEOPLE ACTUALLY BUILT

Show HN: Jev Cards, Can you beat a vision model at a picture quiz?

Show HN

I built a quiz game around TypeSafe's new Jev model, which has vision capabilities. Jev looks at a picture and a question and picks an answer (or taps a place) in about a quarter of a second. I've always loved quiz games and thought this would be a fun way to see what it can do a

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

https://jevcards.com

Show HN: Local embedding and ranking for tech feeds

Show HN

I follow a bunch of blogs and feeds, and Skimfeed was too busy for me. Initially I built a Glance page, and when colleagues saw it they asked me to share it. That led to (the idea of) okaeri, a minimal startpage & feed recommendation algorithm that runs locally. In the background

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

https://github.com/DBvdHeijden/okaeri

Show HN: Snitch – my Mac talked to 347 servers in one idle hour, so I built this

Show HN

(no summary)

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

https://github.com/aixisstudio/Snitch

QUICK HITS

Show HN: Penmentor – Claude marks up your handwritten math like a teacher SHOW HN
https://github.com/AbdullahAlhariri/penmentor

deepseek-ai/DeepSeek-V4.1-Flash-1017 HF MODEL
Trending model on Hugging Face — image-text-to-text, transformers; 2056 likes, 42,122 downloads.
https://huggingface.co/deepseek-ai/DeepSeek-V4.1-Flash-1017

kanaworksai-hue/audio-studio-mcp GITHUB
Local AI BGM and sound effects for Claude Code and any MCP client. Stable Audio 3 on Apple Silicon (MLX) and Windows NVIDIA GPUs (PyTorch).
https://github.com/kanaworksai-hue/audio-studio-mcp

Show HN: Gauge CLI – Open-Source Hillclimbing for Agent Experience SHOW HN
Hi HN! We're releasing an open-source CLI for hillclimbing Agent Experience. That means optimizing your agent-facing surfaces (Skills, CLIs,
https://github.com/gauge-sh/gauge-cli

Show HN: SimCity, but with Permits SHOW HN
https://permit.petercai.com/

abenzerps/Qwen-Image-2.1-Uncensored-Quantized HF MODEL
Trending model on Hugging Face — text-to-image, gguf; 4738 likes, 2,738,344 downloads.
https://huggingface.co/abenzerps/Qwen-Image-2.1-Uncensored-Quantized

Show HN: Pando, an open-source platform to deploy and share apps built with AI SHOW HN
Hey all! As the use of AI continues to grow and becomes more available to less technical users, I feel that “Shadow AI” is starting to becom
https://github.com/trypando/pando

reacher-z/Awesome-CUA GITHUB
Open, source-backed catalog of computer-use agents: reviewed papers, GUI models, datasets, benchmarks, tools, and reusable JSONL/SQLite data
https://github.com/reacher-z/Awesome-CUA

Jev Decision Index HF SPACE
Trending Space (static, 754 likes). Benchmarks and news on various repros of TypeSafe's Jev
https://huggingface.co/spaces/multimodalart/jev-decision-index

black-forest-labs/flux-3-image-klein-comfy HF MODEL

Trending model on Hugging Face — image-to-image, diffusion-single-file; 1122 likes, 490,447 downloads.
https://huggingface.co/black-forest-labs/flux-3-image-klein-comfy

Umair/stalemap GITHUB

Tell your coding agent which dependencies changed after its training cutoff. Diffs types and changelogs, writes a short block into AGENTS.md
https://github.com/Umair/stalemap

fishaudio/drama-3 HF MODEL

Trending model on Hugging Face — text-to-speech; 857 likes, 15,274 downloads.
https://huggingface.co/fishaudio/drama-3

justxor/deepseek-local-guide-ru GITHUB

🐋 Полный гайд на русском: как установить и запустить DeepSeek локально (V4, R1) на ПК, Mac и сервере — Ollama, llama.cpp, LM Studio, vLLM, O
https://github.com/justxor/deepseek-local-guide-ru

adexbn/walk-kcal GITHUB

你今天还能吃多少卡，取决于你愿意走多远 —— 用步行距离换卡路里额度的吃饭决策。麦当劳官方营养值 × 周边餐厅，算你这顿还吃得下什么。
https://github.com/adexbn/walk-kcal

Gen-Verse/DiscoveryRSI GITHUB

DiscoveryRSI: Recursively Learning to Discover Valuable Hypotheses
https://github.com/Gen-Verse/DiscoveryRSI

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