DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

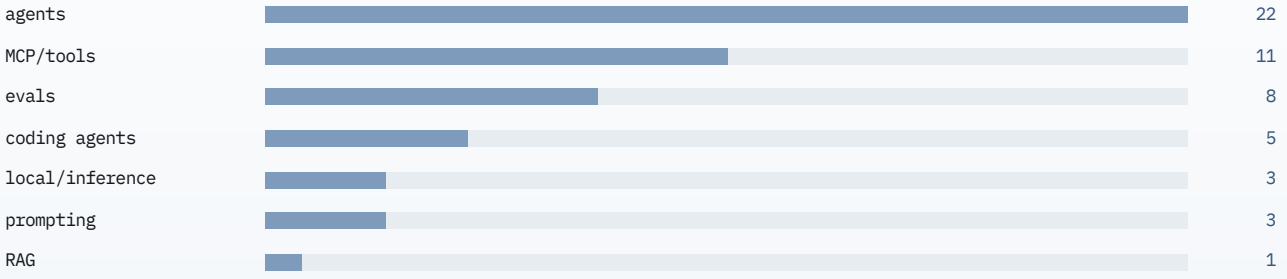
Today in AI engineering
2026-10-29

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 **324** items scanned mode: **mechanical fallback**

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

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 324



github **65** hackernews **53** huggingface **28** reddit **145** rss **33** x/twitter **skipped**

DEEP DIVES

mutonby/agentring

GitHub

Let your AI agents call your phone over VoIP, and call them back. Your phone rings like a real call, even locked; a voice AI talks it through and returns the transcript. Self-hosted, open source, no phone numbers or Twilio.

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/mutonby/agentring

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

Claude Code regularly sends each background agent's transcript to its model

HN

(no summary)

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

> **TRY THIS**
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https://gist.github.com/flamerix-ai/c3905705cc4205e5de3011fa2e74efce

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

ChannelCooperStart/capri-ai

GitHub

🌃 Capri — Edgerunners-inspired AI agent for your desktop. Works with Claude Code, Codex, Antigravity & more.

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/ChannelCooperStart/capri-ai

WHAT PEOPLE ACTUALLY BUILT

Show HN: I built a tool that finds reliability bugs in your code

Show HN

Hey HN, I'm Abhishek. I'm building Opslane, a tool that finds reliability issues in your code. On every PR, it spins up your entire app and then tries to find weak spots that would break in production. Demo: https://youtu.be/47phxkdh6f0 Example: We tested Opslane on Lago (open-so

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

https://news.ycombinator.com/item?id=50280650

Show HN: A proof-of-concept formalization of the IRS federal tax forms

Show HN

The linked repo is 100% vibe coded, but it was built on a handful of principles: - Most tax software derives trust from the party who maintains it (e.g. Intuit, the IRS, etc.) - Vibe coded software lacks this trustworthiness. - Therefore any formalization should build in verifiab

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

https://github.com/emmilco/us-tax-model

Show HN: OpenTaxRate – open-source US sales tax rates by street address

Show HN

I built this because I tried many sales tax APIs and the problems were: a) the rates were a black box with no source attached b) lookups resolved by ZIP code. ZIP codes are postal routes, not tax jurisdictions. Stripe's Tax team wrote a good post on this [1]: two houses in Drexel

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

https://github.com/equated-org/opentaxrate

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

qybaihe/bla GITHUB

🛡️ BLA (Blind LLM Agents) — Adversarial defense shield that protects binaries, Electron apps, JS bundles, Python, and WebAssembly against AI
https://github.com/qybaihe/bla

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; 5288 likes, 2,172,670 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; 3679 likes, 131,062 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; 749 likes, 9,655 downloads.
https://huggingface.co/Nanbeige/Nanbeige4.3-33B

HexaFuture/EmbodiedLab GITHUB

Manipulation benchmarks test acting to change; EmbodiedLab tests acting to know. Given only an objective and the apparatus, a robot runs its
https://github.com/HexaFuture/EmbodiedLab

RecursiveSI/flint HF MODEL

Trending model on Hugging Face — text-generation, transformers; 1221 likes, 16,598 downloads.
https://huggingface.co/RecursiveSI/flint

Show HN: Open Source CS2 Skins Marketplace (early stage) SHOW HN

https://github.com/getopenfloat/openfloat

Gemini 4 Carbon HN

https://blog.google/innovation-and-ai/models-and-research/gemini-models/introducing-gemini-4-carbon/

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

Jev Decision Index HF SPACE

Trending Space (static, 839 likes). Benchmarks and news on various repros of TypeSafe's Jev
https://huggingface.co/spaces/multimodalart/jev-decision-index

Show HN: Interview your analysts instead of auto-generating a semantic layer SHOW HN

I've spent the last year building context for AI analysts in the mid-market. I've open sourced a library from my learnings, along the same p
https://github.com/nodal-data/nodal-context

XHToken/Spark-X2.6-4B HF MODEL

Trending model on Hugging Face — text-generation, transformers; 886 likes, 10,163 downloads.
https://huggingface.co/XHToken/Spark-X2.6-4B

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