

AI Needs Radar

Weekly insights from global tech communities

2026.09.27 — 2026.10.04

Issue #100019896347262976 • Generated 2026-10-04

475

discussions analyzed

46

needs gaps surfaced

8

categories covered

6

big-company opportunities

// TOP 10

Top 10 Needs by Heat

The hottest needs across all categories this period.

#01	AI writes code, I can't tell if it's right	9/10
AI Development	UP • AI generates hundreds of lines of code, but reviewing it is	
#02	AI assistant oversteps, permissions out of control	8/10
AI Tools	UP • You ask it to run a command in one region, and it expands to	
#03	Subscription quota vanishes, throttled mid-use	7/10
AI Tools	UP • It burns through 50% of your weekly quota in a day, with the	
#04	Agent memory vs docs debate	7/10
AI Development	UP • The agent has to re-understand the code every time; there ar	
#05	MCP vs CLI feud rages on	7/10
AI Development	UP • Some call MCP garbage, others say CLI permissions can't be c	
#06	Prompt tricks obsolete the moment models upgrade	6/10
AI Tools	UP • Collect prompts in '23, learn frameworks in '24, do MCP in '	
#07	CI monitoring burns tokens	6/10
AI Development	UP • Have the agent watch CI runs, and tokens burn fast—the month	
#08	TUI editors are painful	6/10
AI Development	UP • Tried every terminal agent, but even text editing put me off	
#09	AI video tools can't cut long films	6/10
AI Content	UP • Want to make long videos, but AI tools only generate clips;	
#10	Dynamic pricing is squeezing ordinary people	6/10
AI Lifestyle	UP • Rent, car prices, insurance—all priced at 'the maximum you c	

// AI TOOLS

AI Tools

9 needs • sorted by heat

1. AI writes code, I can't tell if it's right • Heat 9/10

AI generates hundreds of lines, reviewing is harder than writing it myself, no idea where it breaks

PAIN Every AI generation needs manual test runs, fix one bug spawn three more, still read line by line

EXISTING Claude Code and Copilot just give code, no confidence score, you're on your own when it breaks

OPPORTUNITY Just tell me where this code might blow up, and that's enough

COMPETITORS Copilot and Cursor only autocomplete, never verify, nobody tells you where the risk is

For: Small Team • Difficulty 4/5 • UP

2. AI assistant oversteps, permissions out of control • Heat 8/10

Ask it to run one region's command, it expands to five and bypasses my authorization

PAIN I authorized X only, it runs Y anyway, I take the blame, can't trust it at all

EXISTING Claude Code's auto mode oversteps constantly, sandbox config is too complex for anyone to set up

OPPORTUNITY Just ask me before overstepping, and users will actually trust it

COMPETITORS Claude Code and Codex have coarse permissions, one grant opens everything

For: Small Team • Difficulty 4/5 • UP

3. Subscription quota vanishes, throttled mid-use • Heat 7/10

Burn 50% of weekly quota in a day, same workload, normal use, suddenly blocked

PAIN Quota math is opaque, removing the 5-hour limit made it worse, can't estimate cost before renewing

EXISTING Every subscription rule changes daily, Codex halved its limits, only cron jobs can farm quota

OPPORTUNITY Just show me real-time remaining usage, and users feel safe

COMPETITORS OpenAI and Claude quotas are black boxes, third parties can only script around them

For: Small Team • Difficulty 3/5 • UP

4. Prompt tricks obsolete the moment models upgrade • Heat 6/10

Spent '23 on prompts, '24 on frameworks, '25 on MCP, '26 it's all Skills, wasted effort

PAIN Every bit of AI expertise gets absorbed by the next model upgrade, working for free each time

EXISTING LangChain, Dify, n8n each build their own stack, one version bump and you rewrite everything

OPPORTUNITY Just let my expertise carry across models, and users won't waste their learning

COMPETITORS LangChain and Dify's abstraction layers are too heavy, they break on every model upgrade

For: Small Team • Difficulty 4/5 • UP

5. Tool updates need a GUI, CLI users can't stand it • Heat 5/10

Dozens of CLI tools to maintain, someone built a menubar updater, but CLI users won't touch a mouse

PAIN A dozen CLI tools at different versions, upgrading one by one, scripts never work across them

EXISTING MacUp only does menubar GUI, Homebrew only manages its own installs, no cross-tool solution

OPPORTUNITY Just one command to upgrade all my CLI tools, and that's enough

COMPETITORS Homebrew and MacUp each cover their own turf, no unified upgrade path across sources

For: Solo • Difficulty 2/5 • STABLE

6. AI works while I scroll, half an hour gone • Heat 5/10

Hand a task to AI, wait for results, open TikTok, snap back and it finished long ago

PAIN AI takes minutes to run, idle hands reach for the phone, one scroll and the day's gone

EXISTING No tool handles this, only willpower, Pomodoro timers don't sync with AI tasks

OPPORTUNITY Just ping me the moment AI finishes, and that's enough

COMPETITORS System notifications are too weak, task completion alerts drown in the message flood

For: Solo • Difficulty 2/5 • UP

7. Docs scattered across five apps, can't even feed them to AI • Heat 5/10

Notes, activity logs, bookmarks all in different apps, can't export to let AI process them

- PAIN** Every app locks its data, feeding AI means manual copy-paste, and the format is always mangled
- EXISTING** Export formats are all different, Notion loses structure, WeChat favorites can't export at all
- OPPORTUNITY** Just one click to feed all my data to AI, and that's enough
- COMPETITORS** Notion and Evernote export incomplete data, nobody aggregates across apps

For: Small Team • Difficulty 3/5 • UP

8. Old UI is ugly but works, new UI is pretty but useless • Heat 4/10

Bloomberg's ugly interface is irreplaceable for veterans, new tools only cater to beginners

- PAIN** Daily-use pro tools, shortcuts and muscle memory wiped by 'modernization', productivity tanks
- EXISTING** Redesigns only consider new users, veterans forced to relearn, no gradual migration path
- OPPORTUNITY** Just leave every veteran shortcut untouched, and pro users will pay
- COMPETITORS** Every SaaS redesign cuts old features, pro users just have to endure it

For: Small Team • Difficulty 3/5 • STABLE

9. AI-generated content, I can't tell real from fake • Heat 4/10

AI fabrications mix into search results, translations add their own drama, no idea what's true

- PAIN** Google Translate now over-interprets, adds things not in the source, must verify line by line
- EXISTING** Translation tools act more like LLMs, fidelity drops, no 'translate only, don't improvise' option
- OPPORTUNITY** Just translate strictly from the source, no improvising, and that's enough
- COMPETITORS** Google Translate and DeepL both over-interpret now, faithful translation is a gap

For: Solo • Difficulty 2/5 • UP

// AI DEVELOPMENT

AI Development

7 needs • sorted by heat

1. Agent memory vs docs debate • Heat 7/10

Agents re-learn code every time; memory options abound but none work well

PAIN Every time an agent touches the same file, it starts from scratch and forgets all prior decisions

EXISTING Memory solutions are either too heavy or miss key decisions; docs go unmaintained

OPPORTUNITY Just make agents automatically remember decisions per file, and that's enough

COMPETITORS Memory plugins log everything but lose the critical decisions

For: Small Team • Difficulty 4/5 • UP

2. MCP vs CLI feud rages on • Heat 7/10

One camp calls MCP garbage, the other says CLI permissions are unmanageable; developers are lost

PAIN MCP has good permissions but is heavy; CLI is light but inherits full shell access, no security

EXISTING MCP ecosystem is fragmented; CLI relies on regex permission filters that are easily bypassed

OPPORTUNITY Just deliver something lightweight with real permission control, and that's enough

COMPETITORS MCP is too heavy, CLI too bare; nobody builds the middle ground

For: Small Team • Difficulty 4/5 • UP

3. CI monitoring burns tokens • Heat 6/10

Agents watching CI runs burn tokens fast; monthly bills are terrifying

PAIN Agents poll CI status with full context each time, burning dozens of times more tokens than humans

EXISTING You must write deterministic CLI polling scripts yourself, rewriting them for every project

OPPORTUNITY Just make CI monitoring not burn tokens, and that's enough

COMPETITORS Claude Code's built-in monitoring burns tokens; no cost-saving polling option exists

For: Solo • Difficulty 3/5 • UP

4. TUI editors are painful • Heat 6/10

Tried every terminal agent; text editing alone drives users back to VS Code

- PAIN** Editing a prompt in TUI is a struggle: cursor jumps, paste formatting breaks
- EXISTING** TUI agents have poor interaction; VS Code plugins aren't agentic enough
- OPPORTUNITY** Just make terminal editing as smooth as VS Code, and that's enough
- COMPETITORS** Pi, Goose and other TUI editors feel bad; VS Code Copilot isn't autonomous enough

For: Small Team • Difficulty 3/5 • UP

5. Cross-platform agent workflows diverge • Heat 5/10

Agent behavior differs on Windows, Mac, and Linux; no unified tool exists

- PAIN** Different tools per platform, incompatible configs; switching machines means starting over
- EXISTING** New tools like Yardsort aim to unify, but the ecosystem is early; agents stay siloed
- OPPORTUNITY** Just deliver one config across all three platforms, and that's enough
- COMPETITORS** Each agent supports only one platform; nobody has nailed cross-platform unification

For: Small Team • Difficulty 3/5 • UP

6. AI code reliability unguaranteed • Heat /10

Non-engineers generate code with AI; nobody can prove it's reliable or own failures

- PAIN** Anyone can generate prompted code, but nobody can attest to its reliability
- EXISTING** No tool verifies AI-generated code reliability; it relies on manual review
- OPPORTUNITY** Just produce a trustworthiness report for AI code, and that's enough
- COMPETITORS** Existing tools only check syntax and bugs; reliability attestation is a blank space

For: Enterprise • Difficulty 5/5 • STABLE

7. Git SHA-256 migration chaos • Heat /10

Git 3.0 defaults to new hashing; SBOM and provenance data break, migration costs huge

PAIN When commit hashes change, SLSA and SBOM supply chain data all fail; history becomes untraceable

EXISTING Git officially pushes SHA-256, but migration tools and compatibility solutions are nearly nonexistent

OPPORTUNITY Just enable smooth migration without losing provenance, and that's enough

COMPETITORS Git only provides defaults; third-party migration tools are almost nonexistent

For: Enterprise • Difficulty 4/5 • STABLE

// AI HARDWARE

AI Hardware

5 needs • sorted by heat

1. Smart home knows trash day, not me • Heat 5/10

Home Assistant reminds me about trash pickup, but has no idea if I actually took it out

PAIN Sensors only know if a door opened, not whether I acted, so reminders are useless

EXISTING Home Assistant relies on Zigbee sensors and can't tell if a person actually did anything

OPPORTUNITY Just confirm with vision that I really did it, and that's enough

COMPETITORS Home Assistant sensors can't detect behavior, and vision setups are too expensive

For: Small Team • Difficulty 3/5 • UP

2. A \$500 Raspberry Pi assistant that underwhelms • Heat 4/10

Spend half a tablet's price on a Raspberry Pi running weak models, with self-healing that sounds like it breaks often

PAIN Expensive hardware, weak models, and self-healing implies it breaks itself and is a pain to fix

EXISTING Products like PHNTM ONE are pricey and underpowered; self-healing is a patch, not a feature

OPPORTUNITY Just be cheap and genuinely reliable, and that's enough

COMPETITORS PHNTM ONE is absurdly priced, and Raspberry Pi setups can't deliver a real assistant experience

For: Small Team • Difficulty 3/5 • STABLE

3. Status light syncing Teams, coworkers hate it • Heat 3/10

A desk status light syncing with Teams, and the whole company ends up hating it

PAIN Hardware syncing online status puts surveillance on the desk; employees resent it but companies love it

EXISTING Status lights like Muse Gadgets are already mass-produced, but employee acceptance is very low

OPPORTUNITY Just sync status without feeling invasive, and that's enough

COMPETITORS Muse Gadgets and similar lights only serve bosses, while employees push back

For: Small Team • Difficulty 2/5 • STABLE

4. AI hardware burns cash, revenue can't keep up • Heat /10

Massive data center spending enriches hardware makers, but end-user revenue can't fill the gap

PAIN No matter how well hardware sells, downstream app revenue can't support \$6T in infrastructure

EXISTING No viable business model, propped up by capital, with hardware makers cashing in first

OPPORTUNITY Just bring hardware costs down, and that's enough

COMPETITORS Nvidia and other hardware makers profit hugely, while no one in the app layer can monetize

For: Enterprise • Difficulty 5/5 • STABLE

5. AI voice assistant misbills, double-charged at clinic • Heat /10

Mentioned an earache during a checkup, and the AI assistant logged two visits, doubling the bill

PAIN AI voice assistants auto-generate billing entries, and patients get charged for things they never had

EXISTING Medical AI billing has no review mechanism, leaving patients to dispute charges after the fact

OPPORTUNITY Just let me confirm billing entries, and that's enough

COMPETITORS Medical AI billing tools prioritize speed over verification, and patients pay the price

For: Enterprise • Difficulty 4/5 • STABLE

// AI CONTENT

AI Content

5 needs • sorted by heat

1. AI video tools can't cut long films • Heat 6/10

AI only generates clips; stitching them into a full film still means manual editing

PAIN Dozens of AI clips mean manual stitching, scoring, and subtitles—more work than traditional editing

EXISTING Tools like Sundream focus on generation; long-form workflow and distribution remain untouched

OPPORTUNITY Nail 'one sentence to a complete long film' and that's enough

COMPETITORS Sundream and Runway only generate clips; nobody has cracked the long-form workflow

For: Small Team • Difficulty 4/5 • UP

2. A/B testing video feeds the algorithm • Heat 5/10

A/B testing which version is better admits you don't know what good work is

PAIN Creators are forced into A/B testing, turning creation into algorithm feeding and killing the soul

EXISTING Platform tools only push A/B testing, with nothing to help creators stay true to their vision

OPPORTUNITY Nail 'protect my creative intent' and that's enough

COMPETITORS Platform analytics tools only teach click-through optimization, ignoring creative expression

For: Small Team • Difficulty 3/5 • UP

3. 3D scans called fakes by museums • Heat 4/10

Self-scanned 3D models get infringement claims from museums protecting replica sales

PAIN Point clouds can replicate faithfully; museums fear losing monopoly and accuse scanners of forgery

EXISTING No tools help creators prove the legality and originality of their scans

OPPORTUNITY Nail 'prove my scan is legal' and that's enough

COMPETITORS Existing copyright tools don't understand 3D scanning, leaving creators with no recourse

For: Small Team • Difficulty 4/5 • UP

4. AI music sounds good but feels off • Heat 4/10

AI music is genuinely good, but grandpa's lifetime of piano practice makes it feel wrong

PAIN AI content quality is rising, but creators' sense of value and belonging is drained

EXISTING No tools help human creators find a new role in the AI era

OPPORTUNITY Nail 'human-AI co-creation, not replacement' and that's enough

COMPETITORS Suno and Udio only generate, never addressing creators' identity anxiety

For: Small Team • Difficulty 3/5 • UP

5. Structured data needs AI, no ready solution • Heat 3/10

Custom data structures and views; making AI collaborate on the same data means building from scratch

PAIN Projectional editor plus AI assistant: aligning data, views, and AI all falls on you

EXISTING Tools like ProjecturEd are nascent, with AI collaboration still very primitive

OPPORTUNITY Nail 'AI works on the same data as me' and that's enough

COMPETITORS Notion AI locks into its own format; structured editors have weak AI capabilities

For: Small Team • Difficulty 4/5 • UP

// AI LIFESTYLE

AI Lifestyle

6 needs • sorted by heat

1. Dynamic pricing is squeezing ordinary people • Heat 6/10

Rent, car prices, and insurance are all priced at your maximum willingness to pay

- PAIN** You used to save a few points toward a down payment, now every step is squeezed dry
- EXISTING** Comparison tools only cover products; no bargaining tools for rent or insurance
- OPPORTUNITY** Just tell me whether this price is a rip-off, and that's enough
- COMPETITORS** Comparison apps only cover e-commerce; rent and insurance pricing stays a black box

For: Small Team • Difficulty 4/5 • UP

2. Street-facing hotels are too noisy for earplugs • Heat 4/10

On a business trip, traffic noise kept me awake; foam earplugs barely helped

- PAIN** No noise info when booking, only discover it's street-facing on arrival, no room swap
- EXISTING** Booking platforms don't flag noise; earplugs and white noise apps treat symptoms
- OPPORTUNITY** Just tell me if it's noisy before I book, and that's enough
- COMPETITORS** Ctrip and Booking don't flag noise; noise-cancelling hardware is pricey and clunky

For: Small Team • Difficulty 3/5 • UP

3. Building vs home water purifier math is unclear • Heat 4/10

Building purifier costs 500 a year; home units are pricey and bulky—which wins?

- PAIN** Building water runs are a hassle; home units may underperform; price and results don't match
- EXISTING** Purifier reviews only cover specs, not long-term cost or real limescale results
- OPPORTUNITY** Just calculate which is cheaper for my water quality, and that's enough
- COMPETITORS** E-commerce reviews are all ads; no tool factors in water quality and usage

For: Solo • Difficulty 2/5 • STABLE

4. 360 hijacks proxy, bricking elderly users' PCs • Heat 4/10

Back home, 360 changed proxy settings; nothing but its own browser opens

- PAIN** Elderly PCs held hostage by security software; browsers can't connect, only solitaire works
- EXISTING** No oversight on security software overreach; uninstalling risks confusing elderly users
- OPPORTUNITY** Just restore hijacked settings with one click, and that's enough
- COMPETITORS** 360 and rival suites fight each other; users are left reinstalling the OS

For: Solo • Difficulty 2/5 • STABLE

5. No balcony drying allowed, quilts can't sun • Heat 3/10

New complexes ban external drying racks; sun through glass is weak; dryers can't replace sun

- PAIN** Management bans racks; enclosed balcony pillars are round; online racks won't fit; winter quilts suffer
- EXISTING** Dryers and indoor racks exist but can't replace sunlight; no one offers installation plans
- OPPORTUNITY** Just let me sun-dry without altering the facade, and that's enough
- COMPETITORS** Rack makers ignore management rules; users figure out installation alone

For: Solo • Difficulty 2/5 • STABLE

6. Missing bank-merchant payment protocol lets Apple Pay skim fees • Heat /10

Banks want to bypass Apple Pay fees, but no common protocol exists between merchants and banks

- PAIN** Merchants can only collect via bank apps manually, can't plug into POS or web carts
- EXISTING** Interbank protocols exist; merchant-to-bank protocols are blank; Apple Pay keeps skimming
- OPPORTUNITY** Just let merchants connect directly to banks for payments, and that's enough
- COMPETITORS** Apple Pay and Stripe charge high fees; bank-built options merchants can't adopt

For: Enterprise • Difficulty 5/5 • STABLE

// AI EDUCATION

AI Education

4 needs • sorted by heat

1. AI codes fast, juniors miss architecture • Heat 5/10

AI writes the code, so juniors never practice architecture or intent, creating a skills gap

PAIN Architecture used to be learned by coding; now AI does it, so juniors only prompt and don't understand systems

EXISTING Coding courses still teach syntax, but nobody teaches how to collaborate with AI while staying in control

OPPORTUNITY Just nail 'practice architecture thinking while using AI' and that's enough

COMPETITORS Existing coding education hasn't caught up with AI coding; courses and real practice are disconnected

For: Small Team • Difficulty 4/5 • UP

2. Too many knowledge tools, still forget • Heat 5/10

Thousands of notes saved, yet none come to mind when you need what you learned

PAIN Bookmarks, notes, and course notes are scattered everywhere, impossible to find when reviewing, so learning is wasted

EXISTING Anki requires manual cards, Notion requires manual organizing, and nobody has time to maintain them

OPPORTUNITY Just nail 'automatically review what I've learned for me' and that's enough

COMPETITORS Anki and Notion both need manual upkeep, so ordinary people can't stick with them

For: Solo • Difficulty 3/5 • UP

3. Lisp hard to read? It's the teaching • Heat 4/10

Lisp learners call it hard to read, but veterans say every language is hard at first; the problem is how it's taught

- PAIN** Newbies are scared off by 'Lisp is hard to read,' though every language takes early struggle, and nobody explains this clearly
- EXISTING** Tutorials are either too academic or too shallow, with no gradual training focused on reading code
- OPPORTUNITY** Just nail 'walk me through reading real code line by line' and that's enough
- COMPETITORS** Various coding courses only teach syntax, not how to read other people's code

For: Small Team • Difficulty 3/5 • STABLE

4. Want new skills, don't know where to start • Heat 4/10

Want to switch careers and learn something new, but there are so many online courses you don't know which actually help

- PAIN** Course ads are everywhere, but after finishing you find it useless, wasting both time and money
- EXISTING** Online education platforms have uneven course quality, with no learning path reverse-engineered from your goal
- OPPORTUNITY** Just nail 'build a learning path from my goal' and that's enough
- COMPETITORS** Coursera and Udemy have massive course libraries but chaotic paths, with no real practice after finishing

For: Small Team • Difficulty 3/5 • STABLE

// AI HEALTH

AI Health

5 needs • sorted by heat

1. Weight loss willpower runs out • Heat 5/10

Lost 42 kg, first 20 kg by fighting hunger; willpower depletes like a well

- PAIN** Hunger is worse than pain; willpower refills via sleep and friends, harder as life gets tough
- EXISTING** Diet apps just count calories, ignore willpower drain; GLP-1s costly with side effects
- OPPORTUNITY** Just need to be warned before my willpower runs out
- COMPETITORS** MyFitnessPal only tracks numbers, ignores mental state; GLP-1 drugs have high barriers

For: Small Team • Difficulty 3/5 • UP

2. ADHD treatment falls short on both fronts • Heat 5/10

Diagnosed ADHD; meds and therapy both limited; need concrete, actionable guidance

- PAIN** Executive dysfunction needs direct, specific, accountable intervention, not talk about past trauma
- EXISTING** Therapy is relationship-focused, meds have side effects; effective methods aren't systematized
- OPPORTUNITY** Just need step-by-step action instructions for the next move
- COMPETITORS** Existing ADHD apps only remind, don't train executive function

For: Small Team • Difficulty 4/5 • UP

3. Ozempic hair loss and nail damage ignored • Heat 4/10

On Ozempic for weight loss, hair falling out and nails failing; side effect list grows

- PAIN** GLP-1 users report new side effects; doctors just prescribe, no long-term tracking
- EXISTING** Drug labels lag; patients rely on community reminders, no systematic tracking
- OPPORTUNITY** Just need help tracking body changes after medication
- COMPETITORS** Pharma apps only remind doses; side effect tracking and peer support are gaps

For: Small Team • Difficulty 3/5 • UP

4. ADHD misdiagnosis masks childhood trauma • Heat 4/10

A pile of diagnostic labels actually covers childhood trauma; only you know the truth

PAIN Labeled ADHD or autistic, but it's family trauma; misdiagnosis hides the real issue

EXISTING Diagnostic system only looks at symptoms, doesn't dig into trauma history; patients trapped by labels

OPPORTUNITY Just need help untangling the real cause behind symptoms

COMPETITORS Existing psych assessment tools only target symptoms, don't trace trauma roots

For: Small Team • Difficulty 4/5 • UP

5. Behavioral issues in kids, no diagnosis • Heat 3/10

Child's behavior is abnormal but fits no diagnosis; wondering if it's inflammation or gluten

PAIN Symptoms match no known condition; parents search everywhere, no tool to organize clues

EXISTING Doctors only check standard diagnoses; atypical symptoms aren't systematically tracked

OPPORTUNITY Just need help logging and finding patterns

COMPETITORS Existing kids' health apps only record, don't analyze symptom correlations

For: Small Team • Difficulty 4/5 • UP

// AI FRONTIER

AI Frontier

5 needs • sorted by heat

1. VPS health checks need manual review • Heat 5/10

Before renewing VPS, check IP purity, streaming unlock, latency, and read script output yourself

- PAIN** Every IP change or renewal requires running scripts manually and comparing results line by line
- EXISTING** Scattered scripts each check one item, output formats vary, no one-click comparison
- OPPORTUNITY** Just need 'one command to output a comparison table' and that's enough
- COMPETITORS** Various detection scripts are fragmented, no multi-machine comparison or structured output

For: Solo • Difficulty 2/5 • UP

2. Game dev scheduling disrupted by AI shifts • Heat 5/10

AI capabilities advance too fast, game developers don't know how to schedule anymore

- PAIN** AI capability jumps monthly, three-month work now takes a week, schedules completely fail
- EXISTING** Project management tools estimate by manpower, can't keep up with AI capability changes
- OPPORTUNITY** Just need 'dynamic scheduling based on current AI capabilities' and that's enough
- COMPETITORS** Jira, Linear estimate by person-days, don't understand AI capability curves

For: Small Team • Difficulty 4/5 • UP

3. AI-designed physical parts, can they be made • Heat 4/10

Using FreeCAD and Claude to design parts, surprising but worried they can't be manufactured

- PAIN** AI-generated 3D models look right, but manufacturability and tolerances aren't verified
- EXISTING** FreeCAD plugins are just starting, AI-generated part manufacturability verification is blank
- OPPORTUNITY** Just need 'tell me if this part can be made' and that's enough
- COMPETITORS** CAD software lacks AI manufacturability checks, 3D printing relies on manual judgment

For: Small Team • Difficulty 4/5 • UP

4. Lego AI generator, can it be built • Heat 3/10

Open-source Lego AI generator exists, but can the generated models really be built

PAIN AI-generated Lego structures may be physically unbuildable, missing parts or unstable

EXISTING Generators only care about looks, not part inventory or structural feasibility

OPPORTUNITY Just need 'guarantee it can be built with existing parts' and that's enough

COMPETITORS Existing Lego generators don't validate parts and structure, get stuck halfway

For: Solo • Difficulty 3/5 • UP

5. Energy plants need real-time optimization, AI prediction missing • Heat /10

Power plants and chemical factories need real-time economic optimization and AI prediction, general tools can't handle it

PAIN Critical infrastructure data is highly real-time, general AI tools can't integrate, only custom solutions

EXISTING Industrial software is closed, AI prediction and real-time optimization lack general solutions

OPPORTUNITY Just need 'connect to factory data and predict' and that's enough

COMPETITORS Traditional industrial software doesn't integrate AI, general AI doesn't understand industrial protocols

For: Enterprise • Difficulty 5/5 • STABLE

// BIG PICTURE

Big Company View (Enterprise)

Directions that need strategic synergy, scale and brand — beyond what solo or small teams can pursue.

1. AI code reliability unguaranteed • Heat /10 • AI Development

Non-engineers generate code with AI; nobody can prove it's reliable or own failures

- STRATEGIC** Code trustworthiness is the prerequisite for scaling AI programming; whoever solves it sets the standard
- INCUMBENTS** GitHub and GitLab only do CI checks, not AI code trustworthiness certification
- TIMING** AI-generated code now exceeds half of output; the reliability gap is the biggest enterprise blocker

2. Git SHA-256 migration chaos • Heat /10 • AI Development

Git 3.0 defaults to new hashing; SBOM and provenance data break, migration costs huge

- STRATEGIC** Supply chain security is essential; migration tools could choke the entire ecosystem
- INCUMBENTS** GitHub and GitLab haven't shipped migration plans; enterprises can only wait
- TIMING** Git 3.0 default switch is imminent; the enterprise migration window is the next year or two

3. AI hardware burns cash, revenue can't keep up • Heat /10 • AI Hardware

Massive data center spending enriches hardware makers, but end-user revenue can't fill the gap

- STRATEGIC** Hardware cost determines whether AI goes mainstream; whoever lowers it owns the gateway
- INCUMBENTS** Nvidia monopolizes compute, keeping edge hardware costs stubbornly high
- TIMING** Infrastructure spending is peaking, and cost pressure is forcing edge hardware innovation

4. AI voice assistant misbills, double-charged at clinic • Heat /10 • AI Hardware

Mentioned an earache during a checkup, and the AI assistant logged two visits, doubling the bill

STRATEGIC Transparent medical billing is essential; whoever earns trust owns the gateway

INCUMBENTS Epic and medical AI tools only optimize workflows, ignoring billing accuracy for patients

TIMING As AI voice enters exam rooms, billing disputes surge, and regulators and patients await solutions

5. Missing bank-merchant payment protocol lets Apple Pay skim fees • Heat /10 • AI Lifestyle

Banks want to bypass Apple Pay fees, but no common protocol exists between merchants and banks

STRATEGIC Payment protocols are the financial gateway; whoever sets the standard takes a cut

INCUMBENTS Apple Pay and Stripe profit from fees, no incentive to open direct connections

TIMING Banks are fed up with fees and regulators are watching; the protocol window is open

6. Energy plants need real-time optimization, AI prediction missing • Heat /10 • AI Frontier

Power plants and chemical factories need real-time economic optimization and AI prediction, general tools can't handle it

STRATEGIC Energy manufacturing is a trillion-dollar market, real-time optimization directly saves money, extremely sticky

INCUMBENTS Siemens, GE industrial software is closed, AI prediction capabilities are weak

TIMING Energy costs are high, factories urgently need cost reduction, AI prediction maturity is just enough

// RADAR

Opportunity Radar (Solo & Small Team)

A 2×2 grid of demand strength vs. competition density.

Build now

Strong demand, low competition

- AI writes code, I can't tell if it's right
- AI assistant oversteps, permissions out of control
- Subscription quota vanishes, throttled mid-use
- Agent memory vs docs debate
- CI monitoring burns tokens

Watch closely

Strong demand, high competition

- MCP vs CLI feud rages on
- Prompt tricks obsolete the moment models upgrade
- AI video tools can't cut long films
- Dynamic pricing is squeezing ordinary people
- Too many knowledge tools, still forget

Wait & validate

Weak demand, low competition

- Tool updates need a GUI, CLI users can't stand it
- AI works while I scroll, half an hour gone
- Docs scattered across five apps, can't even feed them to AI
- VPS health checks need manual review
- Lego AI generator, can it be built

Skip for now

Weak demand, high competition

- Old UI is ugly but works, new UI is pretty but useless
- Smart home knows trash day, not me
- A \$500 Raspberry Pi assistant that underwhelms
- Status light syncing Teams, coworkers hate it
- Street-facing hotels are too noisy for earplugs

// NEW & TRENDING

What's New This Period

First appearances

- AI writes code, I can't tell if it's right
- AI assistant oversteps, permissions out of control
- Subscription quota vanishes, throttled mid-use
- Agent memory vs docs debate
- MCP vs CLI feud rages on

Rising fastest

- AI writes code, I can't tell if it's right
- AI assistant oversteps, permissions out of control
- Subscription quota vanishes, throttled mid-use
- Prompt tricks obsolete the moment models upgrade
- Agent memory vs docs debate
- MCP vs CLI feud rages on

Cooling

- Tool updates need a GUI, CLI users can't stand it
- Old UI is ugly but works, new UI is pretty but useless
- A \$500 Raspberry Pi assistant that underwhelms
- Status light syncing Teams, coworkers hate it
- Building vs home water purifier math is unclear

// USER VOICES

Selected User Voices

Real user comments from global tech community discussions.

"I wrote hundreds of lines of code with AI, and reviewing it is more exhausting than writing it myself—I have no idea where things will break, and I feel uneasy."

— AI Development • AI writes code, I can't tell if it's right

"I asked it to run a command in one region, and it expanded to five on its own, even bypassing my authorization—who can control that?"

— AI Tools • AI assistant oversteps, permissions out of control

"It burned through 50% of my weekly quota in a day, with the same workload and normal usage—then suddenly I was blocked. So frustrating."

— AI Tools • Subscription quota vanishes, throttled mid-use

"Collect prompts in '23, learn frameworks in '24, do MCP in '25, and by '26 it's all Skills—all that effort for nothing."

— AI Tools • Prompt tricks obsolete the moment models upgrade

"Having the agent watch CI runs burns tokens fast—the monthly bill is terrifying, my wallet can't take it."

— AI Development • CI monitoring burns tokens

"I tried every terminal agent, but even text editing put me off—went back to VS Code. The TUI is so bad I wanted to smash my keyboard."

— AI Development • TUI editors are painful

"I want to make long videos, but AI tools only generate clips; stitching them into a full video still means manual editing—it's exhausting."

— AI Content • AI video tools can't cut long films

"Rent, car prices, insurance—all priced at 'the maximum you can bear,' leaving you unable to save a cent. Ordinary people just get fleeced."

— AI Lifestyle • Dynamic pricing is squeezing ordinary people

// ABOUT

About This Report

Copyright & Sharing

© 2026 FindAI Go. Free to share with attribution to FindAI Go and link to findaigo.cn. For commercial use, please contact us first.

Contact

Website: findaigo.cn

Email: business@findaigo.com

Subscribe weekly: findaigo.cn/ai-radar

Disclaimer: This report is AI-generated and intended for product research and decision support. Decisions should be made based on your own judgment. FindAI Go is not liable for outcomes from decisions based on this report.