

AI Needs Radar

Weekly insights from global tech communities

2026.05.10 — 2026.05.17

Issue #3 • Generated 2026-05-17

657

discussions analyzed

30

needs gaps surfaced

7

categories covered

4

big-company opportunities

// TOP 10

Top 10 Needs by Heat

The hottest needs across all categories this period.

#01	Ai code review more tiring than manual	9/10
	AI Development UP · AI generates hundreds of lines of code, fixing one bug intro	
#02	Package manager supply chain attacks again	8/10
	AI Development UP · Malicious packages on npm/PyPI appear frequently, developers	
#03	Notes scattered everywhere, impossible to find	8/10
	AI Tools UP · Notes scattered across Notion, WeChat Favorites, and Feishu,	
#04	AI price comparison feels fake	7/10
	AI Tools UP · AI cross-store price comparison recommends only sponsored pr	
#05	Ide ai agent only supports big services	7/10
	AI Development UP · VSCode's new Agent window only supports Copilot/Claude, no t	
#06	Password manager free no longer free	6/10
	AI Tools STABLE · Bitwarden quietly removed its 'forever free' promise, users	
#07	AI note-taking gets facts wrong, doctors wary	6/10
	AI Tools UP · AI meeting notes misrecord patient gender and medication dos	
#08	Running local llm config too painful	6/10
	AI Development UP · Configuring GPU memory for local models requires searching e	
#09	Ai coding tool burns credits too fast	6/10
	AI Development STABLE · New model tokenizer burns tokens, a disguised price hike dis	
#10	Free QR code generators full of ad traps	5/10
	AI Tools STABLE · Each scan redirects to an ad page, dynamic links require a m	

// AI TOOLS

AI Tools

6 needs • sorted by heat

1. Notes scattered everywhere, impossible to find • Heat 8/10

Notes in Notion, WeChat, Feishu—can't find them when needed

PAIN Searching across 4 apps with keywords, recall but can't locate

EXISTING Notion AI only searches current doc, Obsidian requires manual backlinks

OPPORTUNITY Import all notes, unified search, ask a question to find

COMPETITORS Notion AI, Obsidian backlinks—require user maintenance

For: Solo • Difficulty 3/5 • UP

2. AI price comparison feels fake • Heat 7/10

Shopping AI compares across stores but recommends sponsored items

PAIN ChatGPT/Claude comparison tables untrustworthy, better to compare manually

EXISTING Manual multi-tab comparison, AI gives plausible but useless reasons

OPPORTUNITY Be honest with users, no promotions, transparent and verifiable comparisons

COMPETITORS ChatGPT, Claude shopping recommendations—ads over facts

For: Small Team • Difficulty 4/5 • UP

3. Password manager free no longer free • Heat 6/10

Bitwarden quietly removed 'forever free' promise, users fear data lock-in

PAIN Self-hosting Vaultwarden is maintenance-heavy, third-party hosting risky

EXISTING Vaultwarden, Bitwarden self-host—require server maintenance skills

OPPORTUNITY One-click self-hosted password manager for ordinary users on NAS

COMPETITORS Bitwarden moving to paid, Vaultwarden high setup barrier

For: Solo • Difficulty 3/5 • STABLE

4. AI note-taking gets facts wrong, doctors wary • Heat 6/10

AI meeting notes misrecord patient gender, drug dosage

- PAIN** 60% error rate with bizarre errors—'yes' recorded as 'no'
- EXISTING** Manual review, rule constraints—wasteful and miss errors
- OPPORTUNITY** Voice notes focused on healthcare, domain knowledge fact-checking
- COMPETITORS** Nuance Dragon, Otter.ai—no medical terminology validation

For: Enterprise • Difficulty 5/5 • UP

5. Free QR code generators full of ad traps • Heat 5/10

Every scan redirects to ads, dynamic links require monthly fee

- PAIN** Free tools limit scans or show ads, dynamic links expensive
- EXISTING** QR Code Monkey, Adobe Express—free version limited, no privacy
- OPPORTUNITY** Pure, ad-free, open-source QR tool with dynamic links
- COMPETITORS** QR Code Monkey has ads, Unitag expensive

For: Solo • Difficulty 2/5 • STABLE

6. AI assistant in email can't do anything • Heat 4/10

Copilot pops up in Outlook but says 'sorry, I can't do that'

- PAIN** Overhyped features, can't even write an auto-reply smoothly
- EXISTING** Copilot, Gemini in Workspace—shallow integration, poor results
- OPPORTUNITY** Email-focused AI assistant, even just auto-classification and replies
- COMPETITORS** Microsoft Copilot, Google Gemini—many features but none excel

For: Small Team • Difficulty 3/5 • DOWN

// AI DEVELOPMENT

AI Development

7 needs • sorted by heat

1. Ai code review more tiring than manual • Heat 9/10

Ai generates hundreds of lines, fixing one bug creates three new ones

PAIN Ai output correctness unverifiable, manual review painful, no effective benchmark

EXISTING Manual review, linters, static checks—cannot understand Ai logic flaws

OPPORTUNITY Automated review tool specialized for Ai-generated code, learning common Ai error patterns from data

COMPETITORS CodeRabbit, GitHub Copilot code review—still based on traditional patterns

For: Small Team • Difficulty 4/5 • UP

2. Package manager supply chain attacks again • Heat 8/10

Malicious packages on npm/PyPI frequently, developers caught off guard

PAIN Must manually set version pinning and publish age limits, attack window short

EXISTING npm audit, Socket.dev, dependency pinning—slow response, easily overlooked daily

OPPORTUNITY Auto-enforce minimum publish age and signature verification, zero-config supply chain defense

COMPETITORS Socket.dev, Snyk—scanning focused, not proactive protection

For: Enterprise • Difficulty 3/5 • UP

3. Ide ai agent only supports big services • Heat 7/10

VSCoDe new Agent window only binds Copilot/Claude, no third-party models

PAIN Users want to use their own Ollama or Codex CLI but must work around

EXISTING Codex CLI, Continue.dev—low integration, inconsistent experience

OPPORTUNITY Develop an open IDE agent gateway, any model can connect with consistent UX

COMPETITORS Continue.dev (open source)—early start but lacks stability and depth

For: Small Team • Difficulty 4/5 • UP

4. Running local llm config too painful • Heat 6/10

Scour posts to configure GPU memory, redo when changing cards

- PAIN** Ollama/LM Studio easy to install, but squeezing best performance requires manual tuning
- EXISTING** Ollama, LM Studio—one-click install but optimization advice from community
- OPPORTUNITY** One-stop hardware evaluation and auto-config tool, input hardware to recommend optimal parameters
- COMPETITORS** Ollama, LM Studio—no personalized hardware tuning

For: Solo • Difficulty 3/5 • UP

5. Ai coding tool burns credits too fast • Heat 6/10

New model tokenizers burn tokens, realize price hike only after promo ends

- PAIN** Fast mode doubles credit consumption, development halts when tokens run out
- EXISTING** Manually switch models, limit usage—affects efficiency and requires attention
- OPPORTUNITY** Transparent token consumption display, credit alerts and auto-pause
- COMPETITORS** All Ai coding tools lack consumption transparency and control

For: Solo • Difficulty 2/5 • STABLE

6. Small team observability stack too heavy • Heat 5/10

Grafana+Prometheus+Loki+Tempo+Mimir+K8s, 7 services to maintain?

- PAIN** No dedicated SRE, build a zoo for observability, fix issues yourself
- EXISTING** Datadog, New Relic—expensive; self-hosted Grafana stack too heavy
- OPPORTUNITY** Out-of-box, built-in SLO and dashboard one-click observability stack
- COMPETITORS** Honeycomb, Grafana Cloud—either expensive or complex

For: Small Team • Difficulty 4/5 • STABLE

7. Distributed git issue tracking lacks good tui • Heat 4/10

Existing tools either too light or too heavy, cli devs find them awkward

PAIN GitHub Issues/GitLab rely on web, cli workflow not seamless

EXISTING GitHub CLI, GitLab CLI, Epiq—weak features or rough UI

OPPORTUNITY Build a TUI deeply integrated with git, offline-capable issue tracker

COMPETITORS Epiq (new), git-bug—immature and lacking ecosystem

For: Solo • Difficulty 3/5 • UP

// AI HARDWARE

AI Hardware

4 needs • sorted by heat

1. Affordable smart lock with Mi Home • Heat 5/10

Can't find a 500 yuan smart lock with camera and Mi Home support

PAIN Lumi and CloudLink models with Mi Home exceed budget; confused between semi-auto and full-auto

EXISTING Xiaomi full-auto lock, Dessmann—overpriced with redundant features

OPPORTUNITY Build a 300-500 yuan smart lock with Mi Home and camera, extreme value

COMPETITORS Xiaomi smart lock (basic), Lumi—price not low enough

For: Small Team • Difficulty 3/5 • STABLE

2. Whole-home WiFi solutions disappoint • Heat 4/10

Ruijie, TP-Link, Huawei—unclear which has least signal degradation

PAIN AC+AP setups overheat, unstable; reviews not reliable

EXISTING Netgear Orbi, TP-Link Deco—expensive, still dead zones

OPPORTUNITY One-stop WiFi planning service: auto recommend AP positions from floor plan

COMPETITORS Asus AiMesh, Ruijie—no auto simulation layout tool

For: Solo • Difficulty 2/5 • STABLE

3. Non-Apple/Android phones unusable • Heat 3/10

Want dumb phone to escape ecosystem, but need smartphone for parking, QR codes

PAIN In US cities, no navigation/payment apps makes life impossible; returning to feature phone unrealistic

EXISTING Custom Android lite OS, Punkt—poor app compatibility, missing key functions

OPPORTUNITY Create minimalist Android backup phone that runs essential life apps

COMPETITORS Punkt, Light Phone—too closed ecosystem

For: Enterprise • Difficulty 4/5 • STABLE

4. Apple device repair scams • Heat 3/10

After mail-in repair, claimed motherboard damage; shop shifts blame

- PAIN** Average user lacks hardware knowledge; shops swap parts then fake faults to overcharge
- EXISTING** Third-party inspection platforms—opaque info, hard to get refund
- OPPORTUNITY** Build third-party inspection report platform, document before and after repair objectively
- COMPETITORS** iFixit guides—teach but don't verify

For: Small Team • Difficulty 4/5 • NEW

// AI CONTENT

AI Content

4 needs • sorted by heat

1. Ai slides lack substance, need rework • Heat 5/10

Copilot generates empty templates and bullet lists, requiring manual redesign

PAIN Copilot gives blank pages and text dumps with no design; Claude outputs structured but poor content

EXISTING Beautiful.ai, Gamma—templates fixed, content needs manual polish

OPPORTUNITY Auto-search topic and generate visually appealing slides with high information density

COMPETITORS Beautiful.ai, Gamma—focus on design over content quality

For: Small Team • Difficulty 3/5 • UP

2. Ai marketing copy reeks of AI • Heat 5/10

Instantly recognizable as AI-written, eroding user trust

PAIN Overly perfect structure, lacks human flaws, feels robotic

EXISTING Rewriting tools, manual editing—time-consuming, still detectable

OPPORTUNITY Specialize in 'non-AI' copy with random colloquialisms and imperfections

COMPETITORS Jasper, Copy.ai—strong AI flavor, easily identified

For: Solo • Difficulty 3/5 • STABLE

3. Ai video authenticity hard to verify • Heat 4/10

Fake AI-generated videos of UK recession spread before BBC debunks

PAIN Detection models lag behind propagation; platform moderation slow

EXISTING Deepfake detectors—limited accuracy, poor against new models

OPPORTUNITY Real-time deep video detection with source tracing, browser plugin for one-click flagging

COMPETITORS Deepware, Sensity—high latency, incomplete coverage

For: Enterprise • Difficulty 5/5 • UP

4. Ai-written books go unread • Heat 4/10

Authors publish AI-written books on Amazon, readers instantly detect machine generation

PAIN Shallow content, no personal experience, readers feel cheated

EXISTING Human review, publisher screening—hard to scale

OPPORTUNITY Develop AI-assisted writing tool with quality certification ensuring deep author involvement

COMPETITORS Sudowrite, Jasper—focus on generation rather than quality control

For: Small Team • Difficulty 3/5 • STABLE

// AI LIFESTYLE

AI Lifestyle

2 needs • sorted by heat

1. Rent and relocation comparison is a mess • Heat 3/10

Choosing among four global cities: can't compare housing, tax, and quality of life holistically.

PAIN Read dozens of articles, still can't rationally compare Hong Kong, Singapore, Tokyo, and Dubai.

EXISTING Numbeo, Expatistan—cold data, no personalized weighting.

OPPORTUNITY Let users input preference weights, auto-generate composite scores for each city.

COMPETITORS Numbeo, Teleport—analysis dimensions not user-friendly enough.

For: Solo • Difficulty 3/5 • STABLE

2. Insurance is complex, AI gives bad advice • Heat 3/10

Can't distinguish accident, medical, or public insurance; AI answers are unreliable.

PAIN Hard to decide on multi-product combinations; AI training data is outdated.

EXISTING Comparison sites, broker advisors—biased by commissions.

OPPORTUNITY Provide neutral, commission-free recommendations based on age, income, and occupation.

COMPETITORS PolicyGenius, Zebra—offer referral kickbacks.

For: Small Team • Difficulty 4/5 • STABLE

// AI EDUCATION

AI Education

4 needs • sorted by heat

1. Learn language with AI but lack feedback • Heat 5/10

AI voice chat speaks but doesn't correct grammar or pronunciation details

PAIN Chatting with ChatGPT, errors uncorrected, slow progress

EXISTING Duolingo, Rosetta Stone—no free conversation

OPPORTUNITY Build a dedicated error-correcting AI tutor that fixes grammar and pronunciation in real time

COMPETITORS ELSA Speak, Speak—focus on pronunciation, weak on grammar

For: Small Team • Difficulty 4/5 • UP

2. Learn coding with AI but become a novice • Heat 5/10

Using AI to write homework, copying code feels good but blank in interviews

PAIN Students rely on AI to generate code, don't type it themselves, can't remember

EXISTING Schools ban AI, switch to oral exams—hard to enforce, limited effect

OPPORTUNITY Design an AI coding mentor that gives hints only, no code, forcing desensitization

COMPETITORS Just banning AI in class—no technical solution

For: Small Team • Difficulty 3/5 • UP

3. Online learning lacks real social supervision • Heat 4/10

Pandemic online classes proved no one watches, can't focus

PAIN Low online course pass rates, lack of peer help and deadlines

EXISTING Coursera, edX—pure video, no interaction

OPPORTUNITY AI-hosted study groups with auto reminders, peer review, and group check-ins

COMPETITORS StudyStream, Studyroom—hard to scale real human groups

For: Solo • Difficulty 3/5 • STABLE

4. Children's sex education gap in AI era • Heat 3/10

Kids ask AI online but get age-inappropriate sex education answers

PAIN Parents don't know how to talk, school curriculum insufficient, AI may give wrong info

EXISTING Books, school lectures—kids don't ask proactively

OPPORTUNITY Built-in age-graded AI sex education chat, safe for kids to ask

COMPETITORS No specialized product, ChatGPT lacks age grading

For: Small Team • Difficulty 4/5 • NEW

// AI HEALTH

AI Health

3 needs • sorted by heat

1. Ai muscle gain plan without coach • Heat 4/10

Too many online guides, no one adjusts based on progress

PAIN Follows Zhuo Shu or online courses but never knows weight or recovery time

EXISTING Fitbod, Strong—logging only, no personalized adjustments

OPPORTUNITY Auto-tune next workout volume based on daily fatigue and weight feedback

COMPETITORS Fitbod, JEFIT—fixed plans, lack dynamic adjustment

For: Solo • Difficulty 3/5 • STABLE

2. Sleep quality analysis requires manual logging • Heat 3/10

Apple Watch records fragmented data, manual tagging each morning

PAIN No automated sleep disruption classification, multiple wake-ups unknown cause

EXISTING AutoSleep, Sleep Cycle—trends only, no reasons

OPPORTUNITY Combine heart rate, ambient noise, and movement to auto-attribute causes

COMPETITORS AutoSleep, Pillow—weak diagnostic capability

For: Small Team • Difficulty 3/5 • STABLE

3. Chronic patient data scattered, doctors have no time • Heat 3/10

Blood sugar, pressure, exercise recorded separately, doctor skips in seconds

PAIN Years of data in different apps, doctor's consultation time insufficient

EXISTING In-house medical records—isolated from patient-generated data

OPPORTUNITY One-click PDF summary with cloud charts and anomaly markers, saving communication

COMPETITORS Glucose Buddy, MySugr—basic charts, no professional export

For: Small Team • Difficulty 4/5 • NEW

// BIG PICTURE

Big Company View (Enterprise)

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

1. Package manager supply chain attacks again • Heat 8/10 • AI Development

Malicious packages on npm/PyPI frequently, developers caught off guard

STRATEGIC Package security is a must for all dev teams, can embed into CI/CD as standard

INCUMBENTS GitHub Dependabot, Socket—lagging and alert fatigue

TIMING Supply chain attacks frequent, industry urgently needs proactive defenses

2. AI note-taking gets facts wrong, doctors wary • Heat 6/10 • AI Tools

AI meeting notes misrecord patient gender, drug dosage

STRATEGIC Large medical voice recording market, high compliance, first-mover advantage

INCUMBENTS Nuance (acquired by Microsoft), Otter.ai—no medical fact-checking

TIMING Strong hospital digitization demand, regulatory AI explainability window

3. AI video authenticity hard to verify • Heat 4/10 • AI Content

Fake AI-generated videos of UK recession spread before BBC debunks

STRATEGIC Essential for social platform content governance, TAM covers billions

INCUMBENTS Meta AI detection, Google DeepMind—internal only, few public tools

TIMING AI-generated content flooding, regulatory pressure increasing

4. Non-Apple/Android phones unusable • Heat 3/10 • AI Hardware

Want dumb phone to escape ecosystem, but need smartphone for parking, QR codes

STRATEGIC Digital detox market growing; can be complementary hardware

INCUMBENTS Punkt, Light Phone—can't open banking and other necessary apps

TIMING Rising digital health awareness; users willing to pay for less distraction

// RADAR

Opportunity Radar (Solo & Small Team)

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

Build now

Strong demand, low competition

- AI code review more tiring than manual
- Notes scattered everywhere, impossible to find
- AI price comparison feels fake
- Ide ai agent only supports big services
- Running local llm config too painful

Watch closely

Strong demand, high competition

- Package manager supply chain attacks again
- Password manager free no longer free
- AI note-taking gets facts wrong, doctors wary
- AI coding tool burns credits too fast

Wait & validate

Weak demand, low competition

- Free QR code generators full of ad traps
- Small team observability stack too heavy
- Distributed git issue tracking lacks good tui
- Affordable smart lock with Mi Home
- Whole-home WiFi solutions disappoint
- AI slides lack substance, need rework

Skip for now

Weak demand, high competition

- AI assistant in email can't do anything
- AI marketing copy reeks of AI
- AI video authenticity hard to verify
- AI-written books go unread
- Rent and relocation comparison is a mess
- Insurance is complex, AI gives bad advice

// NEW & TRENDING

What's New This Period

First appearances

- Apple device repair scams
- Children's sex education gap in AI era
- Chronic patient data scattered, doctors have no time

Rising fastest

- Ai code review more tiring than manual
- Package manager supply chain attacks again
- Notes scattered everywhere, impossible to find
- Ai price comparison feels fake
- Ide ai agent only supports big services
- Ai note-taking gets facts wrong, doctors wary
- Running local llm config too painful
- Distributed git issue tracking lacks good tui
- Ai slides lack substance, need rework
- Ai video authenticity hard to verify
- Learn language with AI but lack feedback
- Learn coding with AI but become a novice

Cooling

- Ai assistant in email can't do anything

// USER VOICES

Selected User Voices

Real user comments from global tech community discussions.

"AI wrote hundreds of lines of code, but reviewing it was more tiring than writing it myself. Fix one bug, three new ones pop up. So frustrating!"

— AI Development • Ai code review more tiring than manual

"Another malicious package found on npm. It's impossible to guard against them. I'm always nervous when installing packages."

— AI Development • Package manager supply chain attacks again

"My notes are scattered across Notion, WeChat Favorites, and Feishu. When I need to find something, I can't find it anywhere. So annoying."

— AI Tools • Notes scattered everywhere, impossible to find

"I asked AI to compare prices across stores, but it only recommended sponsored products. I might as well browse manually."

— AI Tools • AI price comparison feels fake

"VSCode's new Agent window only supports Copilot and Claude. I can't use other models. It's too closed."

— AI Development • Ide ai agent only supports big services

"Bitwarden quietly removed its 'forever free' promise. I'm worried my data will be locked. I don't dare use it anymore."

— AI Tools • Password manager free no longer free

"AI meeting notes recorded the patient's gender and medication dosage incorrectly. Who would dare use this?"

— AI Tools • AI note-taking gets facts wrong, doctors wary

"Setting up local large models is such a hassle. I have to search everywhere to configure GPU memory, and it resets when I change GPUs."

— AI Development • Running local llm config too painful

// ABOUT

About This Report

Copyright & Sharing

© 2026 FindAIgo. Free to share with attribution to FindAIgo 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. FindAIgo is not liable for outcomes from decisions based on this report.