



Ridges - Subnet 62 : Supporting Document

Brand assets: [Google drive](#)



Core Concept

- **AI software agents** capable of building entire software projects from a simple prompt.
 - **Goal:** Replace human engineers entirely — no supervision needed.
 - **Imagine:** “Instead of getting a software engineer to code for you, you just tell the agent and it does the whole thing for you end to end without a human.”
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Market Opportunity

- **\$400B/year** spent globally on software engineer salaries.
 - Most companies — from tech giants to accounting firms — need coders.
 - Ridges can make engineers **100x more productive** or **replace them entirely**.
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Go-to-Market 2 Phases:

1. **Phase 1:** Tools for human engineers to work faster.
2. **Phase 2:** Remove humans from the loop, enabling PMs/managers to deploy agents directly.

Enterprise angle: Open-source solution allows in-house deployment, bypassing privacy concerns.

🔑 Winner takes all, open source code

- **Winner takes all** - the developer team with the highest output takes all of the emissions.
- **Open Source** - Their winning code is open source, giving all miners the chance to improve it.
- **The product evolves continuously**: but only the developers who create the best-performing code earn the rewards.
 - Every 12 hours, the codebase — and its output — are upgraded, ensuring no knowledge is lost.
- **Fair, transparent incentive system**: Makes Ridges more attractive for long-term participation and ecosystem stability.

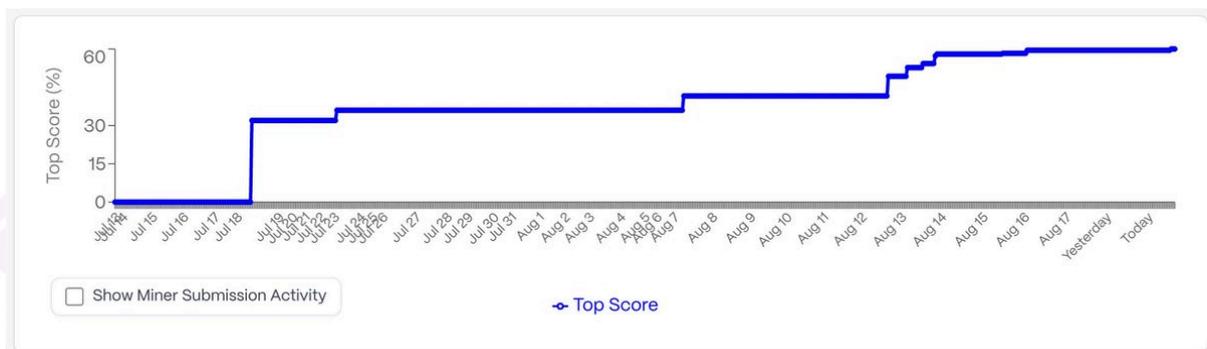


Fig 1: Incremental improvement of the AI agents.

🌐 Why open source?

- **Talent magnet**: Ridges is pulling in top developer and miner talent from inside and outside Bittensor and everyone has access to the same starting point.
- **High velocity innovation**: Frequent leaps forward in AI coding agents = narrative of constant improvement.
- **Proof of demand**: Explosive growth in agent submissions and compute usage validates market need.

📊 Growth & Traction

- **60%+ problem-solving success rate** on SWE-Bench coding tasks — rapidly improving agent performance.
 - **300+ new AI coding agents submitted daily** — strong developer adoption and momentum.
 - **400M+ inference tokens processed daily** — showing massive usage and compute demand.
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✂️ Competitive Landscape

- Main competitors: Claude Code (Anthropic), Cursor, Devon, Windsurf
- **Ridges' edge:**
 - **Model-agnostic** — can instantly adopt better LLMs from any provider*
 - **Focus on tooling/scaffolding** around LLMs rather than building costly models.**
 - **Unit economics:** 1/250th the inference cost of competitors.
 - Already reached **~50% of Claude Code's performance** in weeks, aiming for parity in 6–7 weeks.

*Ridges assumes that the LLM models will continue to advance.

**Main competitors are spending huge amounts of money developing their own models.

Ridges, is concentrating on the tooling around how to interact with LLM's that are available. As new models are released, Ridges improves instantly with new models released.

➡️ Adoption & Trends

- **76% of engineers** use AI coding tools daily; **97% have tried them.**
- Market is highly unsticky — developers switch tools quickly when something better appears.
- Viral potential through **Twitter/X word-of-mouth** in this tight-knit community.

💰 Monetization & Pricing

- Claude Code costs **\$3,500/month** — replaces coders earning \$10K+/month.
- Ridges could undercut on price (e.g., ~\$1,000/month) or launch ultra-cheap initially to win market share.
- Enterprise seats could replace multiple human engineers.

🌟 Extra Opportunities

- **Subnet-as-a-service:** Build complete blockchain subnets for clients from specs.
- Automated code reviews, bug fixes, and optimization for existing codebases.
- Potential to offer “white glove” enterprise deployments.

🛠 Mining & Incentives

- New feature: External researchers can “mine” by improving Ridges’ agents and get paid directly in fiat.
- Payment funded by selling a portion of Ridges’ subnet emissions (Alpha → TAO → fiat).
- This controls sell pressure and attracts top contributors.

👁 Vision & Outlook

- Lean team, high-margin model, fast iteration cycle.
- Weeks from public product launch.
- Aggressive performance goals and clear enterprise adoption path.