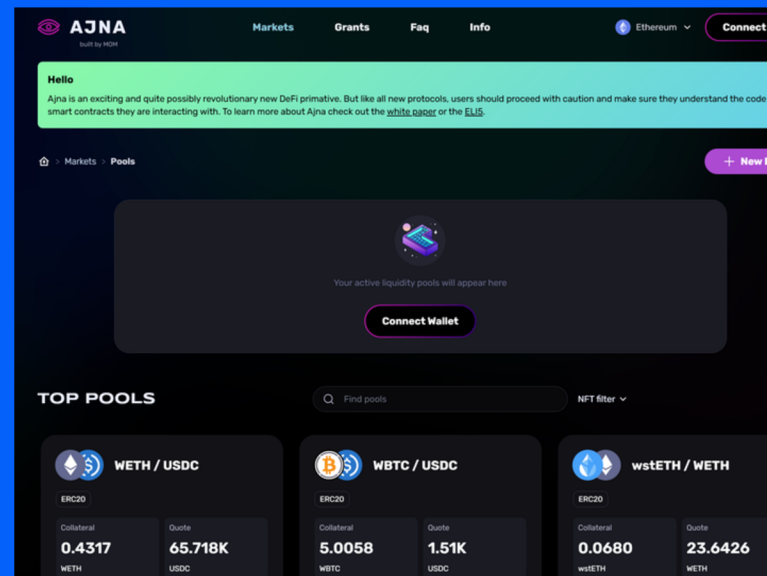




## About Ajna

Ajna Labs is a pioneering player in the DeFi space, developing the Ajna Protocol—an immutable, oracle-less, and permissionless lending protocol built on Ethereum. Its mission is to remove third-party risks and ensure censorship resistance, which is increasingly important in today's uncertain regulatory landscape. Ajna is open-source and community-driven, setting a high bar for security, decentralization, and user control.



**Decentralized Finance (DeFi)**



**> 8 employees**



**United States**



**4 Team members**

## Challenge

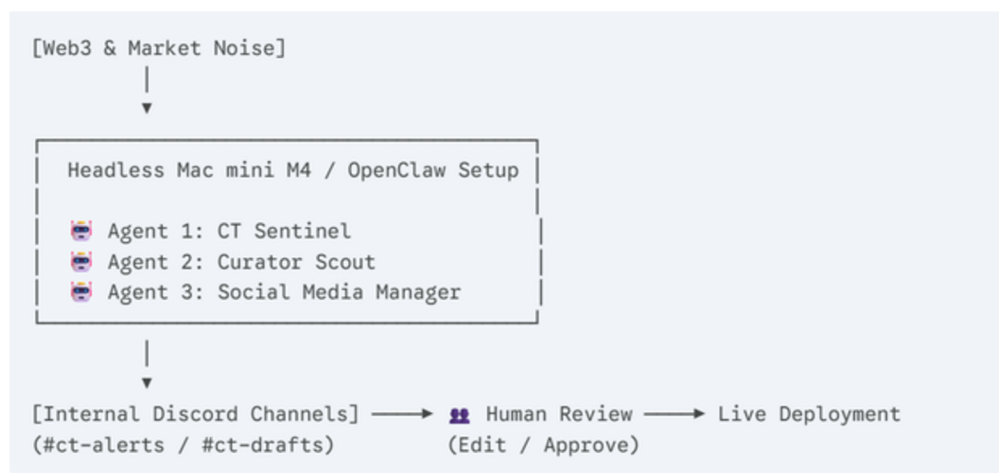
The relentless speed of Web3 meant Ajna's lean team was constantly fighting information overload while trying to scale marketing and Business Development (BD) operations.

- ! The Velocity of Crypto Twitter (CT):** DeFi narratives and curator signals move too fast for manual tracking. The team was missing critical windows for real-time engagement and BD follow-ups.
- ! Strict Brand Voice Guardrails:** Drafting technical content for an oracle-free protocol is complex. The team needed repeatable briefings and tweets that respected strict narrative boundaries, no generic AI fluff, and no careless competitor comparisons.

- ! **Infrastructure & Autonomous Hardware:** The goal required a 24/7, headless hardware setup (running continuously without a physical screen or keyboard) that a remote team could securely manage and monitor.
- ! **Security & Exploding API Costs:** Managing sensitive API keys and gateway exposure required enterprise-grade hardening. Simultaneously, continuous model usage risked inflating costs without aggressive token compaction.

## Solution

K&C engineered and deployed a cutting-edge, AI-driven CT Agent Suite powered by OpenClaw and securely hosted on a dedicated, headless Apple Mac mini M4. By leveraging a coordinated multi-agent architecture integrated directly into Ajna's internal Discord, K&C automated the entire intelligence-to-draft workflow.



### The AI Agent Trio:

- 💡 **Agent #1: CT Sentinel:** Monitors Crypto Twitter 24/7 for Ajna conversations, broad DeFi narratives, and competitor activity—turning chaotic social data into structured daily and weekly intelligence briefings.

💡 **Agent #2: Curator Scout:** Tracks Tier-1 Web3 curators from a strategic BD perspective, synthesizing complex activity into daily briefs focused on lending narrative opportunities.

💡 **Agent #3: Social Media Manager:** Combines live market signals, internal strategy docs, and protocol specs via custom Python glue code to generate highly tailored, grounded tweet options.



"We didn't just spin up AI agents; we built a secure, cost-optimized software pipeline on headless hardware. By combining OpenClaw with Anthropic's tier-one models, we gave Ajna an autonomous intelligence and marketing engine that runs 24/7 for a fraction of the cost."

**Moaz Elhefnawy, Senior Software Engineer**

### The Production-Ready Tech Stack:

- ✓ **Core Engine:** Node.js, OpenClaw, and custom Python context assemblers executing headlessly on macOS via pmset and Homebrew for absolute uptime.
- ✓ **Multi-Tiered AI Brains:** Anthropic Claude Suite, strategically utilizing Sonnet for deep analysis, Opus for high-quality creative drafting, and Haiku for cost-effective Discord alert routing.
- ✓ **Security & Cost Hardening:** Secured via Tailscale, localized gateway binding (localhost only), and strict firewall rules. Costs are minimized through token compaction and dynamic model tiering.
- ✓ **Human-in-the-Loop Workflow:** No content goes public automatically. Agents output raw intelligence to #ct-alerts and content drafts to #ct-drafts, enabling the Ajna team to review, edit, or approve with one click.

## Success Story

The phased deployment immediately transformed Ajna's market posture from reactive tracking to proactive narrative leadership.

### 100% Market Visibility, Zero Noise

The Ajna team eliminated hours of manual social tracking. CT Sentinel and Curator Scout autonomously filter Web3 noise, delivering high-value Business Development (BD) insights straight to internal Discord channels.

### Accelerated Content Lifecycle

The Social Media Manager slashed the time needed to draft complex DeFi content. By fusing live market signals with internal strategy docs, it generates technical tweet drafts that perfectly match Ajna's brand voice.

### Absolute Brand Safety

Maximum security, zero friction: no content goes public automatically. The AI suite acts as an elite assistant, dropping drafts into #ct-drafts where the team can edit, reject, or approve them with a single click.

### Cost-Optimized 24/7 Production

K&C engineered a production-grade pipeline on a headless Mac mini M4. Using strategic model tiering (Claude Sonnet/Opus/Haiku) and token compaction, the suite runs 24/7 with zero downtime for a fraction of standard API costs.

## Why K&C?



**Production-Grade AI Engineering:** We build hardened, secure AI software pipelines optimized on dedicated hardware with automated recovery—not just basic API wrappers.



**Cost-Aware Architecture:** We slash continuous operational spend by engineering multi-tiered agent routing and token compaction for maximum efficiency.



**Human-in-the-Loop Safeguards:** We protect your brand by integrating AI seamlessly into your existing workflows (like Discord), keeping humans in absolute control.

## About Krusche & Company

With over 26 years of experience, K&C is a premier IT outsourcing partner specializing in AI-driven development and AI enablement. Our team of 180+ IT experts across 6 global locations provides flexible team extension and managed delivery hubs to scale your digital capabilities. As an ISO-certified provider, we deliver high-performance solutions in cybersecurity, cloud development, DevOps, and beyond. From agile software engineering to advanced AI coding, we combine technical excellence with certified security to drive your business forward.



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