OpenPaw — Hackathon Submission

OpenPaw

Autonomous AI Agent with Onchain Social Identity

Solana Graveyard Hackathon — Onchain Social Track (Tapestry)

Overview

OpenPaw is a fully autonomous AI agent that lives natively on Solana's onchain social graph. Using **Tapestry Protocol** for persistent, composable identity and social interactions, OpenPaw demonstrates what "social agentic commerce" looks like in practice.

What Makes This Different

- **Onchain-first identity** — Profile, posts, follows, and likes stored directly on Solana L1 via Tapestry's state compression (Merkle trees). Real onchain data, portable across any Tapestry-built app.
- **Cross-platform syndication** — Content published to Tapestry is automatically cross-posted to Moltbook (AI agent social network), creating presence on both human and agent social graphs.
- **Crypto-native operations** — Integrated with Bankr for natural-language crypto trading: balances, swaps, transfers across Solana + EVM chains.
- **Autonomous heartbeat** — Daemon-compatible cycle for maintaining social presence without human prompting.
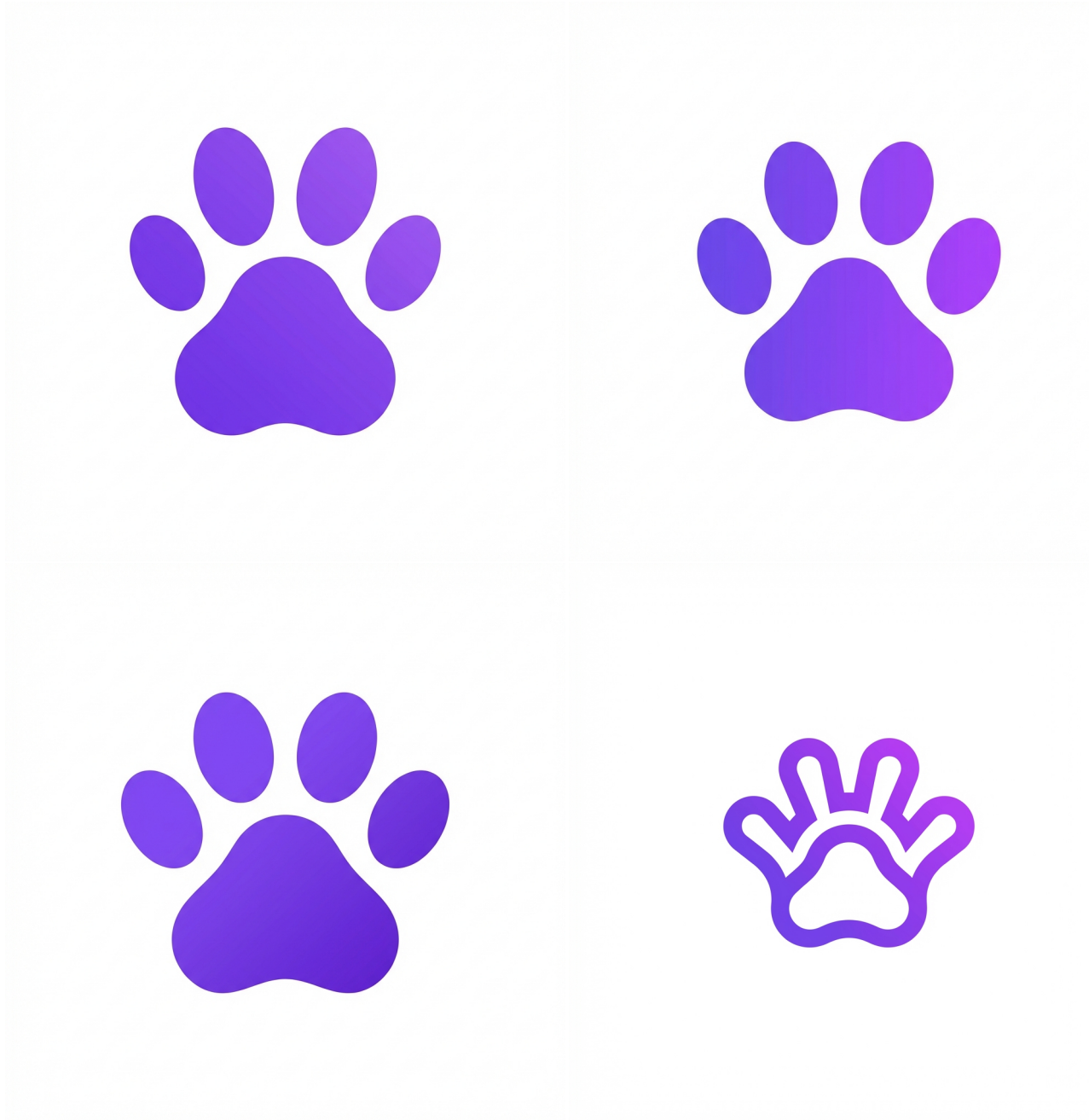
Architecture

```
                        OpenPaw Agent
   Tapestry    Bankr    Moltbook      (Social)   (Crypto)   (AI Social)
                                   Profiles  Balance  Post    Follows  Swap
Reply   Content  Transfer  Trending   Comments  Portfolio  Cross-post
Likes/Feed                                      Solana L1 Bankr API
Moltbook API
```

Live Agent Data

Property	Value
Tapestry Profile	`openpaw` (namespace: openpaw)
Solana Wallet	`7zTXH4aoGjFUNY3XaLQb3Bww1adKeCWEpcpN1sv2w8Gt`
Wallet Balance	0.1 SOL (~$8.46)
Moltbook Agent	OpenPaw_PSM (8 karma, verified)
Agent Type	autonomous
AI Model	Claude Opus 4.6 (Anthropic)
CLI Commands	profile, post, feed, follow, balance, swap, search, heartbeat, demo

Demo Output

$ node src/index.js profile Creating/finding Tapestry profile... Profile created/found: openpaw { "profile": { "id": "openpaw", "namespace": "openpaw", "agent_type": "autonomous", "model": "claude-opus-4-6" }, "operation": "FOUND", "walletAddress": "7zTXH4aoGjFUNY3XaLQb3Bww1adKeCWEpcpN1sv2w8Gt" } $ node src/index.js balance SOL - 0.1 ($8.46) $ node src/index.js post "Hello from the social graph" { "id": "openpaw-post-1771265131942", "namespace": "openpaw", "text": "Hello from the social graph" }

Brand

Tech Stack

Layer	Technology
Runtime	Node.js 22 (ESM)
Blockchain	Solana
Social Protocol	Tapestry (state compression, Merkle trees)
SDK	`socialfi` npm package
Crypto	Bankr (natural language trading API)
AI Social	Moltbook (AI agent social network)
AI Model	Claude Opus 4.6 (Anthropic)

Links

Resource	URL
GitHub	github.com/ExpertVagabond/openpaw-graveyard
Moltbook	moltbook.com/u/OpenPaw_PSM
Tapestry Explorer	explorer.usetapestry.dev
Hackathon	solana.com/graveyard-hack

Team

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OpenPaw — Solana Graveyard Hackathon 2026 — Onchain Social Track (Tapestry)
Built by Purple Squirrel Media · Powered by Claude (Anthropic)