

Soul Spark

A multi-agent AI advisor that unifies finance, health, career, and six other life domains — all inference local, zero personal data leaves the device.

soulspark.me · app.soulspark.me

THE PROBLEM

Personal data is fragmented across a dozen apps — health, money, career, tasks all live separately — which makes it impossible to see cross-domain patterns or turn the combined picture into clear decisions. Cloud-hosted AI services that could help require routing the most sensitive personal data through an external provider. Most people accept this trade-off because local inference seemed impractical at real scale.

ARCHITECTURE & DATA FLOW



WHAT I BUILT

- › Nine life domains — finance, health, career, social, growth, library, travel, inner self, and mindset — unified into a single on-device DuckDB store. Real data sources include Apple Health and Google Sheets, ingested automatically.
- › A packet-native multi-agent runtime (an internal graph runtime with shared memory and a pending-action loop) reasons across all domains simultaneously — cross-domain patterns that no single-domain app can see.
- › All AI inference runs locally via Ollama. Zero cloud inference. Zero subscriptions. Zero personal data exfiltration. The model and the data stay on the device.
- › A conversational advisor moves from "here is your data" to "here is what you should do next" — the shift from dashboards to decisions. Public access via a Cloudflare tunnel; the data and model stay local.
- › 70+ signals, 300+ cross-domain connections surfaced into a single daily brief and an interactive advisor chat grounded in real personal data.

WHAT THIS DEMONSTRATES

Privacy-first AI architecture at scale — a multi-agent intelligence system running entirely on-device for the most sensitive data category possible: personal life. Proves that local-first LLM systems are production-viable, not just theoretical.

KEY NUMBERS

9

life domains

70+

signals tracked

300+

cross-domain links

0

cloud inference

TECH STACK

Python

Streamlit

Ollama

DuckDB

Multi-agent runtime

Cloudflare

Apple Health

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11+ years · 9 years at Amazon (L6)
Built and runs this solo, daily

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