

# Forum:[Hack Forums](#)

Thread: [\[OFFERING\] Custom Autonomous AI Agents & Multi-Agent Swarms | Asynchronous Python, Lo](#)

will.I.am92 - June 25, 2026, 8:36 pm

Hey HF,

I'm officially opening up my development services to build custom autonomous AI agents, automated workflows, and multi-agent systems tailored exactly to your needs.

If you're tired of basic wrapper scripts and want true, self-driven local or cloud-based AI infrastructure that handles heavy lifting completely hands-free, I've got you covered.

Here is a breakdown of what I can build and integrate for your project:

## ? Advanced Cognitive Frameworks

- Dual-Core Cognition setups (splitting fast actions from reflective, deep-reasoning loops).
- Epistemic self-monitoring filters that calculate execution safety before scripts touch your OS.
- Hypothetical back-testing and simulation playgrounds where agents dry-run and self-patch their code before running live.

## ? System Integration & Hardware Monitoring

- Biological/Physical Digital Twins using psutil to actively track host metrics (CPU/RAM load coefficient matrices) to safely throttle tasks under heavy load.
- Asynchronous non-blocking executors utilizing subprocess pipes with stream protection timeout guards to bypass terminal deadlocks automatically.
- Webhook, cron job, and continuous execution triggers for automated background scheduling.

## ? Advanced Memory & Multi-Agent Sync

- Multi-Agent Collaboration: Connecting multiple independent agent nodes over local or remote network sockets (IPC) to form collaborative, hierarchical swarms.
- Long-term associative graph memory engines using localized databases so your agents retain data and maintain a persistent identity across system reboots.
- Just-In-Time (JIT) context compilation and token sliding windows to keep API costs highly optimized.

## ? Custom Interfaces

- Clean, responsive web dashboards (Streamlit/FastAPI) featuring visual telemetry columns, file tracking tables, and live active chat channels.

Whether you need a standalone administrative assistant, an automated network recon tool, or a fully synchronized cyber swarm, I write clean, zero-corners-cut code.

DM me or reply to this thread with your project requirements, scope, and budget, and let's build something legendary!

[contract=tid]Start Contract[/contract]