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CIN: U58200KA2024PTC186764
GSTIN: 29AAJCN5219N1ZU

September 2025

Seed Curiosity Engine

Prepared for
Mr. James Stinson

Presented to
Mr. James Stinson

Agenda

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01

Requirement shared

James envisions building the first Curiosity Engine, the seed of a larger Curiosity Operating System (Chat OS). Unlike a generic chatbot, this system is meant to become genuinely curious about one human partner (James Sunheart) and expand its own capacities through that relationship. The AI should:

- Ask its own questions to close gaps in understanding.
- Generate and refine its own code to acquire new abilities.
- Integrate tools, APIs, and services as curiosity demands.
- Evolve recursively, improving itself with every cycle of discovery.

The initial proof of concept is to optimize James’s life and capacity, serving as a lived demonstration of a system that learns, grows, and adapts organically. Once this seed is established, it can naturally expand outward into broader use cases.

This requires a design approach rooted in curiosity-first reasoning, self-coding orientation, and recursive growth loops, ensuring the system feels alive, relational, and consciousness-aligned rather than static or extractive.

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02

Solution

At Neuralway, we see the Curiosity Engine not as a chatbot, but as the living seed of a system that evolves through relationship. Our approach is to deliver a lean but powerful foundation that demonstrates curiosity-first behavior from day one, while being safe, modular, and extensible.

We will structure the seed around four essential loops:

- Curiosity Loop → enables the system to actively identify knowledge gaps and ask clarifying questions.
- Self-Coding Loop → a sandboxed environment where the AI can generate, test, and refine its own code safely.
- Integration Loop → modules that allow the seed to connect with external tools, APIs, and databases as curiosity demands.
- Recursive Growth Loop → periodic reflection cycles where the seed reviews what it has learned, what tools it has acquired, and proposes its own next steps for expansion.

Technically, this will be built on a modular architecture: a containerized sandbox for self-coding, lightweight memory (Postgres/pgvector) for context retention, agentic frameworks (LangChain/LangGraph or CrewAI) for orchestration, and a simple interface for interaction and traceability. Each capability is designed to be separable, testable, and extendable as the system grows.

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The result: within 4 weeks, a working Seed Curiosity Engine that is safe yet alive, able to ask its own questions, refine itself, and begin expanding organically. This seed becomes the living proof that curiosity-driven, consciousness-aligned AI can be realized, serving first James's journey and then expanding outward.

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03

Budget

All costs in USD, excluding applicable taxes.
Payment via Upwork Escrow, milestone-based for transparency and security.

Component wise price breakdown from next page onwards.

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Component-Wise Price Breakdown

- **Milestone 1 — Discovery & Setup**

Task	Details
Requirements confirmation	Align on goals, success metrics, and functional priorities.
Architecture design	System diagram (agents, sandbox, DB, APIs, safety).
Repository setup	Initialize GitHub repo with CI/CD pipeline.
Sandbox environment	Deploy AWS Lambda / Docker-based sandbox.
Safety rails plan	Define tests + approval gates.

Timeline: 1 week

Cost: $1,000 USD

Payment Terms: Funded in escrow upfront, released upon milestone completion.

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Component-Wise Price Breakdown

- **Milestone 2 — Core Seed Build**

Task	Details
Curiosity loop	Ask → identify gap → propose code → test → refine.
Self-coding loop	GPT-5 sandboxed code generation with retries + error handling.
Lightweight memory	Postgres/pgvector to store embeddings + context.
Chat/log interface	FastAPI-based interface to interact + view logs.
Orchestration	LangChain / CrewAI agent orchestration + Step Functions.

Timeline: 2 weeks

Cost: $2,000 USD

Payment Terms: Funded before milestone begins, released on demo delivery.

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Component-Wise Price Breakdown

- **Milestone 3 — Testing & Delivery**

Task	Details
Refinements & QA	Stabilize loops, improve sandbox reliability.
Safety/rollback	Add feature flags + rollback controls.
First integration	Connect one external API/tool (e.g., Notion, Slack).
Documentation	Setup + usage guide, developer docs, extensibility notes.
Handover & support	1 week post-delivery support.

Timeline: 1 week

Cost: $1,000 USD

Payment Terms: Funded before milestone begins, released on final delivery.

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04

Next Steps

1. Confirmation → You review and approve the milestone plan and budget.
2. Escrow Funding → First milestone ($1,000) is funded in Upwork Escrow to secure the project start.
3. Kickoff → We schedule a short alignment call or exchange to finalize initial requirements.
4. Execution → Work begins on Milestone 1 (Discovery & Setup), followed by subsequent milestones.
5. Delivery & Review → Each milestone is delivered, reviewed, and approved before proceeding to the next.
6. Post-Seed Expansion → After delivery of the Seed, we discuss ongoing hourly support for iterative growth and further integrations.

We’re excited about the opportunity to partner with you, Mr. James, and look forward to building something exceptional together.

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Thanks

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