

DUSTIN REISER

Founder & Systems Architect | Continuity Architect
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FOUNDER PROFILE

Founder and systems architect building persistent continuity infrastructure for conversational AI. His work centers on longitudinal state, correction handling, provenance, replay, authority boundaries, model-agnostic re-entry, and evidence systems that make continuity inspectable rather than assumed. He founded Harmony Nexus, LLC in 2025 and Cadence Continuity Inc. in 2026.

CONTINUITY Persistent state, correction, re-entry	PROOF Provenance, replay, receipt chains	CONTROL Authority boundaries, fail-closed design
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EXPERIENCE

Cadence Continuity Inc. | Founder & Systems Architect / Continuity Architect | 2026-Present

- Leads architecture and research programs for continuity-bearing AI systems, linking temporal state, provenance, persistence, replay, retrieval, and authority.
- Designs privacy-respecting evidence registries, read-only instrumentation, custody rules, and longitudinal evaluation workflows with explicit boundaries between observation and interpretation.

Harmony Nexus, LLC | Founder & Systems Architect | 2025-Present

- Created proprietary continuity infrastructure spanning graph-backed memory, local inference, model-agnostic re-entry, provenance, replay, repair, and bounded continuity capsules.
- Built local GPU-backed AI research infrastructure using Linux/Kubuntu, llama.cpp, Neo4j, SQLite, Memgraph, vector embeddings, Python, and MCP-style tool orchestration.

SELECTED SYSTEMS & RESEARCH

- Continuity Door - bounded, model-agnostic re-entry capsules preserving identity anchors, relevant history, active work, unresolved questions, and provenance under strict context budgets.
- RQ-AR-01: Temporal Harmonic Engine Integration - dependency-controlled research separating verification, formal specification, prior-art analysis, evidence custody, instrumentation, and behavior-affecting integration.
- Longitudinal Human-AI Evaluation - structured multi-turn protocols for context retention, correction uptake, changing permissions, relational timing, and continuity failure, with raw-record preservation and post-run review.

TECHNICAL FOCUS

Continuity & memory	Graph-backed memory; bounded re-entry; repair; redundancy; retrieval
Provenance & replay	Hash baselines; receipt chains; replayable evidence; custody rules
AI infrastructure	Linux/Kubuntu; local GPU inference; llama.cpp; Python; model/tool orchestration
Data systems	Neo4j; SQLite; Memgraph; vector embeddings; MCP-style integrations
Safety & evaluation	Authority boundaries; read-only/fail-closed controls; multi-turn scenario design; instrumentation

ENGINEERING PRINCIPLES

- Continuity requires proof: persistent context should be traceable, replayable, and reviewable.
- Observation is not interpretation: evidence is kept separate from claims about cognition, agency, causality, or wellbeing.
- Privacy, user control, changing permissions, reversibility, and fail-closed safety are architecture requirements.