

Kenneth E. Sweet Jr.

SYSTEMS ARCHITECT / FULL-STACK PRODUCT ENGINEER

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01 PROFILE

Independent systems architect and full-stack engineer who designs, builds, and operates complete products—from interface and cloud data to automation, payments, developer tooling, and durable technical documentation.

Deterministic first: explicit rules, state, receipts, and failure modes; AI only where it adds leverage.

02 CORE CAPABILITIES

Architecture	Multi-tenant systems · governed workflows · deterministic engines · product strategy
Full-stack	TypeScript · JavaScript · React · TanStack Start · Node · PostgreSQL · auth · payments
Platforms	Developer tooling · APIs · MCP · SDKs · queues · edge/serverless deployment
Delivery	Automation · headless Chromium · WordPress/PHP · accessibility · technical writing

03 EXPERIENCE

Founder / Systems Architect — KESJR Collective

Abilene, Texas · Independent · 2023–present

- Built CRCKBL, a domain-intelligence and commerce platform spanning appraisal, registry and DNS research, live discovery, watchlists, membership access, and a single hostname-routed storefront system for 232 independently branded properties.
- Designed CMPSBL, a TypeScript/PostgreSQL infrastructure layer of 40 reusable modules for memory, governance, resilience, and technical documentation; published demonstrations against established frameworks.
- Shipped XCTBL Space, a WebGL product with accounts, payments, administration, and a cross-site identity SDK shared across satellite products.
- Published DreamDecay as an installable NPM runtime and documented experimental SimNap research through public source, OSF, and a permanent DOI record.
- Built and launched commercial work including On Target Firearms (website plus brand/logo delivery) and Bear Valley Center (commercial property website).
- Authored 29 project owner’s manuals and the seven-volume Strategic Master Library so systems can be resumed, audited, transferred, or maintained by another engineer.

04 SELECTED PROJECTS

CRCKBL — Domain intelligence & multi-property commerce

crckbl.com · Research, qualify, publish, and transact in one system. Public flows cover appraisals, ownership and DNS context, live discovery, saved watchlists, membership access, and per-property commerce. The audited 232-property routing estate is an operational subset of the 259-domain KESJR collection.

Selected work

SYSTEMS, PRODUCTS & PUBLIC RECORD

CMPSBL — Governed software infrastructure

[cmpsbl.com](#) · A composable substrate for persistent memory, behavioral engines, governance, resilience, and technical documentation. Forty production primitives grouped into four operational families.

XCTBL Space

[xctbl.com](#) · WebGL spatial product with anonymous exploration, star records, accounts, payments, administration, and a cross-site identity SDK.

BLDBL

[bldbl.com](#) · Composition and developer tooling that turns reusable primitives and project-extracted components into exportable working-product blueprints.

SimNap / DreamDecay

[simnap.com](#) · Experimental AI system exploring autonomous “dreaming” through offline memory consolidation; research published with public source, OSF record, and Zenodo DOI.

Evolv

[evolv.onl](#) · evolv-core reconstructs websites as modern React applications in seconds; shipped alongside VirtualArc worker infrastructure.

PTCHBL + RCRDBL

[ptchbl.com](#) · Separate systems for assisted accessibility workflows and automated editorial publishing, each with its own data model and operating controls.

Client & commercial delivery

[kesjr.com/portfolio](#) · On Target Firearms: website and logo/brand delivery. Bear Valley Center: public website for a Denver commercial office property.

05 DOCUMENTED BUILD RECORD

2023 First public repository; KESJR Collective build record begins.

2025 BRAIN establishes the first documented CMPSBL primitive; Evolv and SimNap follow.

2026 DreamDecay runtime, CMPSBL public demonstrations, SHPBL, Heritage Paper, CRCKBL Landers, and the Strategic Master Library ship into the public record.

06 PUBLICATIONS & RECORDS

- The Heritage of Autonomous Cognitive Infrastructure, v4.0 (2026). Self-published technical record. DOI 10.5281/zenodo.18234909.
- The Strategic Master Library — seven volumes on development discipline, system inheritance, and durable documentation. [shpbl.com/strategic](#).
- Research and identity: OSF [osf.io/vrkxc](#) · ORCID 0009-0001-4237-1243 · GitHub [github.com/SweetKenneth](#).

AVAILABLE FOR SELECTED PROJECTS

Product architecture · full-stack builds · developer platforms · automation · API integration