Jason W. Stoudt

HEAD OF AI-NATIVE ENGINEERING

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PROFILE

Engineering leader with 20+ years across defense, health tech, and academic publishing, including directing five product teams and 20+ engineers. Now leads AI-native transformation at Signify Health (CVS Health): an AI SDLC program across 11+ engineering teams that prompted CVS CEO David Joyner to ask, "How do we get this to propagate throughout CVS?" Still ships: built the multi-agent governance, spec, and knowledge platforms the program runs on.

11 teams onboarded in 2 days vs. 1–3 months

100+ repositories running his AI-native framework

60% less LLM context overhead per repo

CORE EXPERTISE

LEADERSHIP & PRACTICE

Engineering Leadership · AI SDLC · AI Governance & Telemetry · Multi-Agent Systems · Evidence-First / Spec-First Dev · Change Management

STACK

Claude Code · Agent SDK · MCP · **LiteLLM · Azure APIM · Okta** · TypeScript · React · .NET · C# · Go · PostgreSQL · Kafka · FHIR R4 · GitHub Actions · Kubernetes · ArgoCD · Kargo · SonarQube · Playwright

EXPERIENCE

Head of AI-Native Engineering

Feb 2024 – Present

Signify Health (CVS Health)

Stepped off the management track in Aug 2025 (Lead Director, Engineering → VP-direct IC) to lead the AI SDLC transformation full time.

PROGRAM & ORG LEADERSHIP

- At **CVS Leadership Live**, CEO David Joyner asked, "How do we get this to propagate throughout CVS?" Recognized at the HCD Townhall by CTO Amaresh Siva and named AI SDLC co-architect by VP of Engineering Shubha Chaudhuri, the only IC reporting directly to a VP.
- Owns the **company-wide AI SDLC program (SEALS-198)** across 11+ teams, onboarding 11 teams in 2 days vs. the prior 1–3 months. Drives the agenda of the weekly executive SteerCo and a cross-org forum that peaked at 100+ attendees across the US and Ireland; facilitated the two-day Dallas workshop for 50+ engineers and executives and the Galway immersion, where VP Casey Lucas called him "indispensable." In Oct 2026, named to the six-person AI SDLC core steering group and charged with defining the org's SDLC tooling strategy.
- Designed the working framework for the two-day **NYC AI Engineering Onsite** (Oct 2026, ~40 VPs, directors, and principals). His friction-to-SDLC-phase map became the breakout structure and his "two-way door / one-way door" model was adopted for deciding when agents may act in production without a human. Result: six SDLC phases, each with an executive sponsor, and a readout requested as input to 2027 annual planning.
- Primary author of the **AI SDLC Autonomy Framework** (L0–L5 autonomy levels × Tier 1–4 application risk, with HIPAA/HITRUST prerequisites), the org's governance standard. Conceived and co-built **AI Ledger**, opt-in AI-usage telemetry that logs no prompts, approved by the SteerCo for phased rollout, and the Flywheel dashboard for the org's nine-pillar engineering initiative.

PLATFORMS BUILT Signify Health (CVS Health), continued

- Founded **jAlson Bourne / Hallucination Ward**, an autonomous multi-agent governance system: 400+ agent sessions, 80+ formal proposals with veto windows and quorum rules, a human-gate matrix for agent autonomy, and 22+ CHAOS tabletop exercises.
- Created **Evidence-First Development (AnchorKit)**, replacing 12–20 drift-prone markdown artifacts per feature with 1–3 executable files, now the engineering standard. Designed the AI-native framework propagated to 100+ repositories, cutting LLM context overhead 60%, and launched the internal Claude Code plugin marketplace (16+ plugins) whose PR plugin requires a code review before any PR opens.
- Built **Relic**, an AI assistant on the Claude Agent SDK where non-developers file GitHub Issues that agents turn into Draft PRs, with SSO, Slack, Figma, Atlassian, and Google Workspace connectors and a wiki that compounds every answer. Built **Library-Agent**, an org knowledge API indexing 1,372 repositories.
- Authored **43 clinical system specifications** in one day (FHIR R4, Kafka/NServiceBus, .NET 10, React 19, PostgreSQL); led parallel 7-, 15-, and 30-agent reviews surfacing 64 architecture issues and 5 P0 security findings; shipped Phase 1 of the AI-assisted HEDIS clinical audit and phi-finder, nightly PHI scanning across org repositories.

Director of Engineering

May 2022 – Jan 2024

Osmosis from Elsevier

- Accountable for five software development teams, each with an Engineering Lead, 2–4 developers, and a Quality Engineer.
- Led the front-end migration to React and added Spanish i18n, opening a new market segment.
- Delivered full CI/CD in GitHub Actions with end-to-end smoke and regression suites.

Manager, Software Engineering

Feb 2021 – May 2022

Elsevier

- Managed back-end component teams for the ClinicalKey platform: 9 direct reports, 14 total headcount.
- Migrated 15 back-end Java repositories from Maven to Gradle, sharply cutting local and CI build times.
- Rolled out SonarQube static analysis across all ClinicalKey repositories.

Lead Software Engineer

Oct 2018 – Jan 2021

Elsevier

Lead engineer on Elsa, an end-to-end content creation platform for authors, contributors, and Elsevier staff. Directed four teams of 20+ developers across on-shore and off-shore.

- Designed and executed the migration from Backbone.js to React, managing the front-end monorepo with Lerna.
- Consolidated ~100 back-end Java repositories into a single Gradle monorepo, significantly cutting build times.

Technical Lead & Software Architect

Sept 2003 – Oct 2018

L3 Technologies, Communications Systems East

15 years as technical lead or architect on every defense communications program worked; consistently ranked among the top engineers.

INDEPENDENT WORK

Founder

2024 – Present

Stoudt Labs LLC

- Builds and runs consumer products from one Nx monorepo of 28 Next.js apps: salarycap.football (NFL salary-cap fantasy, PWA + iOS), capsl.life (voice-first personal assistant), and putmein.co (youth sports team management).
- Runs it AI-first: agents ship every change through pull requests, gated by CI that verifies signed local-validation receipts and patch coverage.

EDUCATION

The Pennsylvania State University B.S. Computer Science, Minor in Mathematics