Ryan Danner

I build enterprise software and high-scale integrations, and modernize and scale legacy web applications.

Reston, VA · fully remote; travels for key meetings · ryandanner.com · linkedin.com/in/ryan-danner-3315472 · dannercode.com

I build the kind of software other systems depend on. I've spent nearly 30 years doing it across telecommunications, IT infrastructure, systems monitoring and management, and web APIs — from writing the code to leading the teams behind it. Today, through DannerCode LLC, I pair that experience with coordinated AI agents to deliver long-horizon work faster. I'm an AI evangelist: AI-driven development isn't just another tool, it's the process going forward — and the traditional two-week-sprint agile SDLC isn't the way to build software anymore.

28 years in software · **~18** years at ScienceLogic · **23** US patents as inventor

EXPERIENCE

Founder · freelance software engineering, DannerCode LLC

Jan 2026 – present

Client work

- Migrating large, long-lived LAMP applications to modern stacks — careful, incremental work on software that customers depend on, accelerated with the AI-coordinated approach below.
- Found and fixed scale problems in features used far beyond what they were designed for: focused rewrites instead of rip-and-replace re-architecture, SQL query optimization, and new batching and storage strategies — improving response times and supported scale by anywhere from 2× to over 1000×.

How I work

- Work primarily in CLI agents (Claude Code and Grok CLI), driving a streamlined, iterative AI-driven loop: investigate, design, review, execute, refine.
- Designed and continually refine a coordinator/round pattern for long-horizon AI-assisted engineering: a coordinator session delegates to worker agents tuned for specific use cases, and each round ends by finalizing the draft prompt for the next.
- Coached developers on adopting these AI-assisted, agent-based development practices.

ScienceLogic

Apr 2008 – Jan 2026 · Reston, VA

Nearly 18 years building ScienceLogic's datacenter and cloud management platform — LAMP-based software for managed service providers (MSPs) and large enterprise IT, including contextual dashboards, advanced bulk templating and grouping, ITSM, and multi-tenant support. I went from lead developer on the third-generation EM7, to VP of Software Engineering who never stopped architecting and coding, to senior architect for its REST API, integrations, and scale.

Sr. Software Architect

Feb 2023 – Jan 2026

- Architected a "style uplift" for the legacy UI — a cosmetic overhaul that let it sit alongside the current-generation interface far more seamlessly.
- Consulted across feature rollouts as the go-to specialist for scale and cross-application integration.
- Initiated and led the tiger team that migrated the platform from PHP 7 to PHP 8.
- After the Zebrium acquisition, worked on the architecture team that decided how to integrate Zebrium's IP into future in-house AI initiatives.

VP, Software Engineering · Chief Architect

Jan 2011 – Feb 2023

Leading the organization

- Grew the engineering organization from about 14 people (8 development, 6 QA) to more than 40, while continuing as an architect and direct contributor.
- Responsible for the Software Development and QA departments — core platform development, solutions development, and sustaining engineering — including hiring and performance reviews; reported directly to the CEO until 2014.
- Introduced engineering best practices: integrated source control with ticket and task tracking, defined the level-of-effort estimation process, and automated workflow from definition through delivery.

Architecting and building

- One of the principal architects of ScienceLogic's datacenter and cloud management solution.
- Direct contributor on key projects including interactive relational mapping, dynamic and contextual data visualization (HTML5, CSS3, JavaScript), and the continued growth of the REST API.
- As primary architect of the in-house REST API, kept evolving it around how customers actually used it — scaling customer integrations and iterating on the API as their needs grew.

- In 2016–2019, scaled the REST API to export data in near real time for a customer feeding a multi-stack data lake: cut response times and per-request CPU use so the API could sustain far more concurrency and throughput, reducing the customer's ingestion lag from hours to 5–15 minutes.

Lead Developer / Director Apr 2008 – Dec 2010

- Lead developer on the third generation of ScienceLogic EM7.
- Architected EM7's first multi-tenant role-based access control (RBAC) model, built on multi-organization tenancy.
- Architected and developed ScienceLogic's first customer-facing REST API.
- The RBAC model, multi-organization tenancy, REST API, and device management features are all still in use in the product today, more than 15 years later.

Director of Technology, TossableDigits.com Mar 2007 – Apr 2008

Formalized the SDLC and built cloud-hosted communications features

Director of Technology, Opera Telecom USA May 2005 – Dec 2006

Built the premium SMS delivery platform and led IT

Software Engineer III, LogicaCMG Jun 2001 – May 2005

Led a performance initiative that cut UI response times by up to 2000×

Software Engineer III, Cisco Jun 1998 – Jul 2001

- One of two primary developers on a skunkworks team that built a proof-of-concept IVR and unified communications application on web technology; named inventor on 23 US patents from that work (full list at ryandanner.com).
- Wrote load-test scripts for an Ameritec call generator; the prototype handled over a million calls — enough that the generator's display ran out of digits and showed asterisks instead of totals.

SKILLS

AI-assisted engineering	Claude Code, Grok CLI, AI-assisted development
Leadership	Engineering management, Development & QA process, Project planning, Estimation
Architecture	Custom application frameworks, API design, Web application scale, Async/parallel servers and protocols
Languages & web	PHP, C, JavaScript, HTML, CSS
Platforms	Linux, Apache, MySQL, AWS, Cloud management & automation
Protocols & standards	REST APIs, VoiceXML, LDAP

EDUCATION

Virginia Western Community College — Computer Science coursework, Sep 1996 – Mar 1997