

Keith Steward, Ph.D.

AI Venture Co-Founder & CEO | Agentic AI Product & Platform Leader

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[LinkedIn](#) | [IntelligentDataWorks.ai](#) | [IDW LinkedIn](#)

PROFILE

Founder and AI product executive who turns high-friction business workflows into commercial software, scalable platforms, and focused engineering organizations. Combines 0-to-1 venture building, customer discovery, product strategy, agentic AI architecture, and hands-on delivery with executive credibility developed across startups, enterprises, and AWS. Built an 11-engineer team and shipped a platform supporting 70+ automations across more than 20 workflows within eight months; previously advised 200+ AWS customers. Brings the operating judgment to refine a venture thesis, build V1, learn from customers, recruit talent, and convert AI capability into measurable value.

SELECTED QUALIFICATIONS

- **Venture & Product Leadership:** company vision, market hypotheses, customer discovery, product strategy, roadmaps, pricing analysis, pilots, partnerships, and commercialization
- **AI-Native Product Delivery:** LLMs, AI agents, RAG, vector search, workflow automation, human oversight, APIs, cloud architecture, and production operations
- **Organization Building:** founding teams, recruiting, executive leadership, distributed engineering, Agile operating cadence, mentoring, accountability, and culture
- **Enterprise Value Creation:** workflow analysis, measurable outcomes, executive demonstrations, adoption planning, governance, security, and operating transformation

PROFESSIONAL EXPERIENCE

Technical Co-Founder & CEO | Intelligent DataWorks | Boston, MA | Aug 2023 to Present

Co-founded and operate an applied AI SaaS company, owning strategy, product direction, architecture, engineering execution, customer discovery, and commercialization.

- Defined the company vision, product roadmap, technical architecture, pricing approach, and commercialization plan for a reusable enterprise AI platform and initial HR workflow product.
- Architected and helped build AssistX using LLMs, RAG, AI agents, LangChain, LangGraph, PostgreSQL/PGVector, Python, FastAPI, and AWS cloud services.
- Delivered the first commercial release within eight months; the platform supports 70+ automations across more than 20 workflows and accelerates selected work by up to 50x.
- Recruited and technically led an 11-engineer Agile team selected from more than 400 applicants while remaining hands-on in product management, architecture, engineering, cloud infrastructure, and platform operations.
- Led customer discovery, early-adopter pilots, executive demonstrations, pricing analysis, strategic partnerships, and fundraising support; hundreds of users signed up at launch and value modeling estimated approximately \$54,000 in annual savings per adopting organization.
- Initiated strategic acquisition discussions regarding IDW's AI platform as part of a planned transition to a senior AI/engineering leadership role.

Senior Director of Engineering | SuccessKPI | Remote | Jun 2022 to Aug 2023

Owned architecture, team formation, and delivery for a new AI-powered Workforce Management SaaS product in a fast-growing startup.

- Recruited and led a seven-person distributed engineering team through product translation, architecture, forecasting, optimization, scheduling, automated communications, testing, CI/CD, and AWS operations.
- Delivered the first production release within six months for two flagship enterprise customers and expanded the platform to four large organizations, including U.S. government customers.
- Partnered with product management to convert detailed customer and market requirements into a prioritized roadmap, algorithms, APIs, and two-week Agile releases.

Senior Director, Data Analytics & Operations | TriMark USA | Mansfield, MA | Aug 2021 to May 2022

Owned enterprise data modernization for a \$1B+ company integrating 11 acquired businesses and heterogeneous ERP systems.

- Prioritized 50+ analytics use cases with Marketing, Supply Chain, Finance, technology executives, and business leaders and secured funding for an AWS data strategy and roadmap.
- Upskilled four analysts and grew the organization to seven AWS engineers with hiring, mentoring, planning, budget, risk, and delivery accountability.

- Delivered the first AWS data lake within seven months and reduced cross-ERP reporting from roughly two months to one day.

Technical Lead, Cloud Data Privacy & AI Governance | MassMutual | Boston, MA | Nov 2020 to Aug 2021

Led secure cloud architecture and implementation across five enterprise Data Privacy and AI Governance initiatives in financial services.

- Partnered with product, architecture, SRE, privacy, and governance leaders to convert policy and operating needs into architecture, delivery plans, APIs, CI/CD, and production services.
- Delivered the first cloud-native privacy-rights platform within eight months, automating approximately 90% of a manual workflow.
- Guided AI-governance practices spanning model transparency, bias, drift, monitoring, auditability, security, and human oversight.

VP of AI/ML | NorthBay Solutions | Boston, MA | Jan 2019 to Nov 2020 | (Role ended in company-wide COVID layoff).

Recruited out of AWS by the CEO to establish an AI/ML practice and reusable cloud product capability.

- Pitched and secured CEO approval for an AWS Data Lake and ML accelerator, built the initial system hands-on, and led a 24-person remote team toward customer demonstrations and commercial delivery.
- Advised enterprise customers on AI strategy, product opportunities, cloud architecture, and production implementations across multiple industries.
- Combined executive customer engagement, reusable product architecture, and delivery leadership to expand the company's AI portfolio.

Senior Specialist Solutions Architect, AI/ML & Big Data | Amazon Web Services | Boston, MA | May 2015 to Dec 2018

Advised enterprises and AWS teams on production machine learning, distributed analytics, data platforms, and cloud adoption.

- Advised 200+ enterprises on AI/ML strategy, production architecture, SageMaker, data lakes, distributed systems, security, and scalable adoption.
- Created and led global Big Data and AI/ML communities, developing 180+ specialists through standards, mentoring, workshops, and reusable assets.
- Built a SageMaker and TensorFlow forecasting hackathon for Morgan Stanley data scientists and created 170+ technical enablement assets.
- Delivered 50+ technical presentations and workshops and earned AWS ML Elite Gold and Platinum recognition.

EARLIER RELEVANT EXPERIENCE

- Brought five commercial SaaS products to market across AI, workforce technology, bioinformatics, and regulated connected systems.
- At CambridgeSoft, partnered with product leaders and led a 25-person distributed team delivering enterprise scientific software under multi-million-dollar customer commitments.

EDUCATION & RECOGNITION

Ph.D., Molecular Biology / Microbiology & Immunology, University of Western Ontario. AWS ML Elite Gold and Platinum; AWS re:Invent Rockstar; named inventor on multiple patents.

TECHNOLOGIES

0-to-1 SaaS • AI product strategy • customer discovery • product roadmaps • pricing analysis • executive demonstrations • early-adopter pilots • strategic partnerships • Generative AI • LLMs • AI agents • agentic AI • RAG • LangChain • LangGraph • MCP • workflow automation • human oversight • AI governance • AI evaluation • Python • FastAPI • REST APIs • PostgreSQL • PGVector • vector search • AWS • SageMaker • AWS CDK • Docker • Kubernetes • CI/CD • security • IAM • data platforms • data lakes • distributed systems • forecasting • optimization • knowledge graphs • Spark