

Keith Steward, Ph.D.

Boston, MA | 508-318-8035 | keith.steward@gmail.com

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

September 26, 2026

Amgen Hiring Team

Re: Director, AI & Machine Learning

Dear Amgen Hiring Team,

Advancing research AI requires a leader who can unite technical strategy, hands-on engineering, production architecture, governance, and scientific context. That combination has defined my work across production AI platforms, enterprise cloud adoption, and life-sciences software.

At Intelligent DataWorks, I personally built the AssistX core and first 80% of its initial application with Python, FastAPI, LLMs, agents, RAG, PostgreSQL/PGVector, APIs, Docker, AWS, and CDK, then led 11 engineers through production delivery. The platform supports 70+ automations across more than 20 workflows with 99.9% availability.

I established evaluation, prompt regression, human review, synthetic-data testing, guardrails, prompt-injection screening, observability, model routing, version control, and production release practices. At AWS, I advised more than 200 enterprises, trained 180+ architects, and created 170+ reusable technical assets spanning AI/ML, data platforms, governance, and cloud adoption.

My Molecular Biology Ph.D. is reinforced by direct work in genomic knowledge discovery, bioinformatics, pharmaceutical research software, commercial scientific products, and regulated healthcare technology. While protein language models are not part of my direct record, I bring scientific fluency, production AI depth, and a demonstrated ability to master emerging platforms quickly. Intelligent DataWorks completed its planned operating transition, and I am seeking a long-term role where I can build reusable AI capabilities that accelerate scientific work responsibly.

Sincerely,

Keith Steward, Ph.D.