

# Keith Steward, Ph.D.

Boston, MA | 508-318-8035 | [keith.steward@gmail.com](mailto:keith.steward@gmail.com)

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

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Top Prospect Group Hiring Team

## **Re: Artificial Intelligence Architect**

Dear Top Prospect Group Hiring Team,

Turning emerging AI capabilities into dependable production applications closely matches my hands-on architecture and engineering background.

At Intelligent DataWorks, I architected and built the AssistX core platform using LLMs, RAG, agents, Python, FastAPI, PostgreSQL/PGVector, APIs, and AWS. The initial production release shipped in approximately eight months and now supports 70+ automations across more than 20 workflows, accelerating selected work by up to 50x. I also implemented evaluation, guardrails, model selection, security, observability, and cost controls.

My broader experience includes distributed systems, data pipelines, CI/CD, React, cloud operations, and technical mentorship. At AWS, I advised 200+ enterprises on AI, data, and cloud architecture and developed global specialist communities totaling 180+ people. I have also mentored engineers in AI-assisted development; more than half of AssistX was built using code-generation technologies including Codex.

Although my recent titles include executive leadership, I am intentionally interested in a deeply hands-on architecture role where I can build, mentor, and influence production standards. The compensation range would need to align at its top end. Intelligent DataWorks is pursuing a strategic acquisition, and I am seeking a long-term operating role elsewhere. I would welcome a discussion about delivering reliable AI-powered products.

Sincerely,

Keith Steward, Ph.D.