

Keith Steward, Ph.D.  
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Dear Hiring Team,

I am excited to apply for the Senior Principal AI Engineer role at Vertex Pharmaceuticals. The posting's emphasis on agentic ai, agentic, llm, rag, vector, machine learning, artificial intelligence, ai strategy, roadmap, platform maps closely to my AI product, platform, data, and engineering leadership background.

At *Intelligent DataWorks*, I co-founded and lead an applied AI SaaS company that built *AssistX*, a production generative AI platform using LLMs, AI agents, RAG, vector search, PostgreSQL/PGVector, LangGraph, APIs, and AWS. I own product strategy, architecture, evaluation, stakeholder messaging, and execution while technically directing an 11-engineer Agile team.

That work builds on AWS experience advising 200+ enterprise customers, SuccessKPI experience shipping AI-powered forecasting and workflow applications, MassMutual experience in privacy and AI governance, and NorthBay experience building a new AI/ML practice after being recruited out of AWS by the CEO.

I can bring practical executive judgment, hands-on AI architecture credibility, product and roadmap discipline, and a record of turning emerging AI capability into production systems and measurable business outcomes.

Sincerely  
Keith Steward