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HMG AMERICA LLC Hiring Team

Re: Generative AI Architect

Dear HMG AMERICA LLC Hiring Team,

Designing enterprise Generative AI systems that integrate LLMs, retrieval, agents, data, and business applications closely matches my hands-on architecture work.

At Intelligent DataWorks, I built the AssistX core and first 80% of its initial application using LLMs, RAG, agents, Python, FastAPI, PostgreSQL/PGVector, APIs, microservices, and AWS. The platform supports 70+ automations across more than 20 workflows and sustains 99.9% availability. I designed reusable retrieval, tool-use, orchestration, and integration patterns.

I also implemented evaluation, LLM-as-judge quality measurement, guardrails, model routing, token-cost controls, security, observability, and release practices. My model work includes GPT, Claude, Amazon Bedrock, Google Vertex AI, Cerebras, and open-weight models; at AWS, I advised 200+ enterprises on AI and cloud architecture.

My strongest evidence is AWS-led production architecture rather than Azure OpenAI or every named framework and vector store. Compensation and travel are also undisclosed. I would welcome a discussion about guiding secure GenAI solutions from architecture through reliable production operation.

Sincerely,

Keith Steward, Ph.D.