

Luke Acosta

Cover Letter

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Hiring Team

Northstar Meridian Bank

Global Services Insights & Analytics

Chicago, IL

Dear Hiring Team at Northstar Meridian Bank,

I am excited to apply for the Vice President - Data Scientist Lead (LLM/GenAI) position at Northstar Meridian Bank. My experience leading data science programs in financial services, paired with hands-on work in **large language models** and responsible artificial intelligence, fits the needs of your Global Services Insights & Analytics team.

In my current role, I lead a data science and applied research practice focused on commercial banking planning, service, and control workflows. I have delivered production solutions for **retrieval-augmented generation, semantic search, content extraction**, question answering, summarization, and recommendations. I bring strong technical judgment across Amazon Bedrock, Cortex Analyst, Python, APIs, and data pipelines, with a focus on reliable delivery.

I have built **evaluation frameworks** that measure accuracy, faithfulness, robustness, latency, cost, and safety. I have partnered with engineering, product, finance, risk, and operations leaders to turn business needs into measurable designs and release decisions. My work includes governed services, structured outputs, agent tool use, testing, **continuous integration and continuous delivery**, monitoring, and rollback procedures. I have led teams, mentored data scientists, and helped set responsible artificial intelligence standards.

This opportunity interests me because it connects advanced **generative artificial intelligence** work with practical financial services outcomes. Northstar Meridian Bank's focus on improving efficiency, service, planning, and controls through scalable, governed capabilities matches the kind of work I value. I would welcome the chance to help build useful solutions for **Commercial Banking** and support strong partnerships across the organization.

Thank you for your consideration. I would welcome the opportunity to discuss how my background can support Northstar Meridian Bank's data and artificial intelligence goals.

Sincerely,

Luke Acosta

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