

Spencer Nash

Cover Letter



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Hiring Team
Northstar Talent Systems

Columbus, OH

Dear Hiring Team at Northstar Talent Systems,

I am excited to apply for the Junior **Machine Learning** Engineer / BI Analyst position at Northstar Talent Systems. My computer science training and project experience have prepared me to build practical **Python**-based models, SQL reporting workflows, and cloud-ready data solutions. This role is a strong fit for my interest in machine learning, **business intelligence**, and software engineering.

In my current **machine learning** lab work, I built a supervised classification pipeline for a **banking-services** dataset using Python and scikit-learn. I automated data preparation with pandas, compared model results with clear evaluation measures, and used Docker to document a reproducible setup for a research group. These experiences strengthened my ability to test, explain, and improve technical work.

My **business intelligence** project focused on branch budgeting, service demand, and operational **right-sizing** for a simulated regional bank. I used SQL to work with transaction data and created Tableau dashboards that answered finance and operations questions. A separate **Java** and Python project gave me practice with REST services, testing, GitHub Actions, Docker, and DevOps workflows.

I am drawn to Northstar Talent Systems because the opportunity connects hands-on technical projects with real full-time paths in data, ML/AI, Java, Python, and cloud work. The focus on practical proof, interview preparation, and re-entering candidate pipelines matches how I have built my skills through documented projects, presentations, and team-based reviews. I would be glad to bring clear communication and dependable analysis to your remote teams.

Thank you for your time and consideration. I would welcome the opportunity to discuss how my background in machine learning, business intelligence, and automation can support Northstar Talent Systems.

Sincerely,

Spencer Nash

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