

## Cover Letter

### Shakil Ansari

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Dear Hiring Manager,

I'm writing to express my interest in a **Data Science or Machine Learning** opportunity at your organization. With a multidisciplinary foundation in Mechatronics Engineering and Botany, and hands-on experience in NLP, forecasting, and machine learning, I bring a perspective that's both analytical and unconventional — one that thrives at solving problems from multiple angles.

I've built a range of end-to-end projects including a fake news detector using LSTM and GloVe, a stock price forecaster using SARIMA, a movie recommendation system using collaborative filtering, a dialogue summarization model fine-tuned on FLAN-T5, and a domain-specific NLP model that generates Indian food recipes from natural language queries. These weren't academic exercises — they were challenges I pursued to learn, prove, and push myself. I've applied these projects in real-world datasets and environments, using tools like Python, SQL, scikit-learn, Keras, and Tableau.

Beyond technical skills, I bring the discipline of an engineer, the observation of a botanist, and the adaptability of a self-taught problem solver. My prior experience as an educator and research trainee has honed my ability to communicate complex ideas clearly, whether to teammates, stakeholders, or students. I don't just build models — I think deeply about what they solve and how they're used.

I'm confident in my ability to contribute meaningfully from day one. I am eager to apply my skills and demonstrate the value I can add to your team. I don't seek handouts — I seek opportunities to earn my place.

Whether it's building models, cleaning data, writing documentation, or simply listening and learning — I'm ready to deliver. I would be thrilled to discuss how I can contribute to your work.

Thank you for your time and consideration.

Sincerely,

**Shakil Ansari**