

## Chaithra Kopparam Cheluvaiah

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I am applying to Data Scientist position at Point72 that I found on LinkedIn. What excites me about this role is the market intelligence team's focus on utilizing the power of Artificial Intelligence and Machine Learning techniques to provide valuable insights on companies for investments. With more than five years of experience in the financial services industry and a strong foundation in Data Science through classroom education, I possess both the technical expertise and domain knowledge necessary for to thrive in this role. Furthermore, my experience working in an agile environment within an R&D team had made me adapt to frequently changing business requirements and effectively manage my workload to achieve multiple goals. I am confident that my skills and experience will help me contribute greatly to your team.

Through my classwork in Applied Machine Learning, I gained a solid understanding of various machine learning techniques, including supervised and unsupervised models. I further refined my skills in deep neural networks, NLP algorithms, and reinforcement learning through coursework in Natural Language Processing and Applied Deep Learning. I had the opportunity to apply this knowledge in practice during my internship with RSG Media Systems, where I built a data pipeline using Apache Spark and Python with Databricks and implemented a K-Nearest Neighbor model for entity resolution.

During my tenure as a software developer in the R&D team at Envestnet Yodlee, I had the opportunity to build data quality tools utilizing the latest technologies. Working in a test-driven environment, I am familiar with CI/CD pipelines and had experience developing multi-threaded applications to handle high user traffic and backend tasks. I have worked with various databases including MongoDB, Oracle DB, and Apache Kudu. Additionally, I played a key role in developing a proof-of-concept using Apache Kafka to fulfill a specific project requirement.

In addition to my academic and work experience, I have demonstrated my programming skills by participating in online coding competitions such as LeetCode and HackerRank. You can check out my work on LeetCode and HackerRank at the following links:

- [https://leetcode.com/chaithra\\_k\\_c/](https://leetcode.com/chaithra_k_c/)
- [https://www.hackerrank.com/chaithra\\_kc22](https://www.hackerrank.com/chaithra_kc22)

Furthermore, I have completed several academic projects related to Machine Learning, NLP, and Deep Learning, which you can find on my GitHub repository:

- <https://github.com/chaithrakc/sentiment-analysis-covid-news-articles>
- [https://github.com/chaithrakc/credit\\_card\\_default\\_prediction](https://github.com/chaithrakc/credit_card_default_prediction)

In short, my blend of academic background in data science, software development experience, and technical skills make me an excellent fit for the Data Scientist position at Point72. I am eager to bring my passion for machine learning and software engineering to your team and contribute to the company's growth and success.

Yours Sincerely,  
Chaithra