CHAITHRA K . C

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I am excited to apply for the Machine Learning Engineer role at Covariant that I found on LinkedIn. The company's cutting-edge AI robotic platform for automating warehouse operations is particularly appealing to me. I am excited about the prospect of working with a team of experts in this field who share my passion for AI and its real-world applications.

During my coursework in Data Science, I gained a solid understanding of machine learning techniques, including supervised and unsupervised models, deep neural networks, NLP algorithms, and reinforcement 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.

As a software developer at a fintech company, I worked extensively with Oracle and MongoDB databases, and our production servers were all Linux-based. This experience has given me a deep understanding of Linux commands and the ability to work seamlessly on a Linux machine.

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://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

In short, my blend of academic background in data science, software development experience, and technical skills make me an excellent fit for the Machine Learning Engineer position at Covariant. 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