Nikhil Thota
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Portfolio

COVER LETTER

Date: June 25, 2023

Dear Hiring Manager,

I hope this message finds you well. I am writing to express my keen interest in pursuing a co-op study/summer spring internship at your organization for positions such as Data Analyst, Data Engineer, SQL Developer, or Tableau/PowerBI Developer. With my past work experience in data analytics, along with my technical skill set, I am confident that I possess the skills necessary to excel in this role and make a significant contribution to organization.

Currently, I am pursuing my master's degree in Data Analytics at San Jose State University, which further enhances my qualifications and knowledge in the field. This educational pursuit has allowed me to deepen my understanding of advanced analytics techniques and gain valuable insights into the latest trends and advancements in the industry. By combining my academic pursuits with my professional work experience, I believe am well-equipped to bring a comprehensive and up-to-date skill set to the role.

Throughout my career, I have consistently demonstrated my ability to drive data-driven decision-making processes by delivering valuable insights and actionable recommendations. I have successfully executed, improved, and streamlined data processes by writing various workflows using Apache Airflow, and by also working with cloud pipeline tools like DBT, enabling a thorough understanding of the health and performance of digital datasets in various Data warehouses and databases. Additionally, I have developed and maintained comprehensive dashboards in Power BI, Tableau, Data Studio, and MicroStrategy, effectively reporting various key insights to stakeholders.

Working closely with product teams, I have identified and prioritized opportunities to enhance the digital ordering process, driving improvements in customer experience and operational efficiency. Leveraging my knowledge of A/B testing processes and advanced analytics techniques like Random Forest Classifier, PCA, Listing Rank (LQS), K-means, Market basket analysis and other statistical techniques, I have supported data-backed experimentation, leading to optimized outcomes. Furthermore, I can effectively communicate complex conclusions from analytics in a clear and concise manner to diverse stakeholders.

In addition to my experience in analytics, I have a strong technical background. I am proficient in programming languages such as SQL and Python, as well as cloud tools like DBT Cloud, which have been instrumental in developing and maintaining efficient ETL flows and data analysis. I have setup multiple ETL pipelines using Requests, Pandas, Numpy, Plotly, and matplotlib libraries of Python for various business usecases. I have also leveraged my thorough knowledge of BI tools, including Tableau, Power BI, Microstrategy and Data Studio, to create intuitive visualizations that facilitate informed decision-making.Furthermore, my experience using Google Analytics has allowed me to derive valuable insights and effectively support product teams.

Thank you for considering my profile. I would welcome the opportunity to discuss further how my skills, experiences, and ongoing pursuit of a master's degree in Data Analytics at San Jose State University align with orgainzation's requirements. Please find my attached resume, and work portfolio for your review. I look forward to the possibility of contributing to the success of the team and company.

Yours Faithfully
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