It might sound a bit unusual, but my interest in data-driven decision-making originated on the soccer field. As I grew up, soccer became more than just a sport; it instilled in me valuable lessons about teamwork and strategic thinking. As a child I was not invited and welcomed for playing as I lacked the needed amount of knowledge and tactics, which resulted in making me an analyzer . From the benches, understanding and observing the results of specific moves made by the players on field and outcomes of every action, which were mixtures of mistakes and achievement, made me upskill my talent in it by analyzing them. So the same, during my undergrad when I represented my university team and as a student of data science, the perspective of understanding and collecting the data from surroundings and implementing it for making amendments and development brushed deep into my thinking. The need to study our opponents, analyzing their strengths and weaknesses, was just as crucial as honing my skills. This focus on understanding the game from all angles made me realize how powerful data can be in shaping outcomes, not just in sports but in everyday life. I saw firsthand how my coach would create a winning game plan based on careful analysis, and it struck me that technical models could do the same. The winning game plan that my coach designed was none other than designing the ideal machine model that will be used to solve problems, the repetition of drills which were held to test the compatibility of players was none other than the epochs which are done while building a model, the changes in formations, tactics, substitute rotation and experimenting new players to fit in the loophole were the iterations of model done by changing the parameters like learning rate, number of epochs and batch size. This became a pivotal moment in my decision to pursue a career in data science. This connection between my passion for soccer and the world of data has sparked a desire to explore data science further, and I am excited to use gained insights to tackle challenges and make intelligent choices.

Throughout my undergraduate studies in Artificial Intelligence and Data Science, I have had the chance to explore my passion for data thoroughly. My coursework has been instrumental, particularly Operations Research, where I explored optimization techniques, like linear programming and decision analysis, which helped me understand how data-driven decisions can enhance technical operations. Big Data Analytics allowed me to delve into the difficulties of handling large data sets using tools like Hadoop and Spark and comprehending that inform strategic initiatives through algorithms like clustering and regression analysis. Lastly, my exposure to Machine Learning enabled me to study decision trees and support vector machines, and how these algorithms could predict outcomes to drive technical problem-solving. However, I recognized that the key to solving real-world challenges lay in mastering the ability to apply advanced data science techniques effectively, revealing the importance of Data Science and diving deep into it for flourishing these skills.

My interest in pursuit of knowledge increased consistently after realization of connection and finding similarities in the ideology of hobbies and field of career, I built a strong foundation across the data science ecosystem which ranged from Python, SQL, Java, and C++ to libraries such as NumPy, Pandas, Scikit-learn, TensorFlow, and PyTorch. Working with tools like Jupyter, Tableau, Power BI, and Excel strengthened my approach to model development and result interpretation, while exposure to AWS, GCP, Hadoop, and Spark helped me understand scalable data pipelines and model deployment. However, it was my projects that truly shaped my identity as an aspiring data scientist. Among the several applications I developed, two projects in particular helped me understand the real potential of AI when thoughtfully designed. Among these, the primary one was Dietify, a cross-platform AI-powered diet consultation app built using Flutter for the frontend and Django for the backend, which was surprisingly inspired by my own problem when I got off track with sports and struggled to navigate diet information and inconsistent nutrition advice. I integrated the USDA and Open Food Facts APIs, enabling users to scan or log foods and instantly receive macro and

micronutrient breakdowns. Through multiple testing cycles, I achieved 90% functional accuracy and a usability score of 84/100, demonstrating strong user trust and system consistency. The research paper was accepted and published by the International Journal for Research in Applied Science & Engineering Technology (IJRASET). Another defining project was my deep learning-based solution for industrial quality inspection. Traditional crack detection in manufacturing relies heavily on manual inspection, which is both time-consuming and prone to human error. I designed an automated detection system using a VGG16 convolutional neural network, trained on a dataset of 1081 images capturing variations in lighting, angle, and surface texture. However, the urge to acquire the highest level of knowledge in the field before completing my undergrad pushed me to my limits. Understanding the depth of the incomprehensible sections of data science led me to decide to invest more time in studying the field.

My technology journey has never been a straight line; it has been more of an adventure, guided by curiosity and shaped by every opportunity that came my way. Initially, as a fresher, I was overwhelmed by the things that still needed to be achieved. As an opportunist, I began with automation during my UiPath internship, where I learned how intelligent workflows can simplify complex processes. At Pinnacle Industrial Controls, I explored data management and gained an understanding of how industries depend on structured information systems. This foundation pushed me deeper into the world of data. At YBI Foundation, Plasmid Innovation, Oasis Infobyte, and Elevate Labs, I immersed myself in the art of analytics, cleaning messy datasets, building dashboards, writing SQL queries, and uncovering trends hidden beneath gigabytes of information. Meanwhile, I was selected to represent the university in soccer at the district level, managing both sides simultaneously. This experience led me to explore the connection between my sport and data, as mentioned earlier.

These extracurricular activities played an equally defining role in shaping my identity. As the CEO of the Society for Data Science, I organized workshops, led research initiatives. I conducted a nationwide hackathon named KnowCode, which was further supported by the Students' Council. I transitioned from marketing responsibilities to eventually becoming the Secretary, managing over 100 students and executing multi-event cultural and sports festivals. These experiences taught me the importance of stakeholder coordination, crisis management, and the nuances of leading diverse teams. At the same time, volunteering with the National Service Scheme kept me connected to social responsibility through health camps, environmental drives, and community programs. This interest naturally evolved into my current role at PHN Technology Pvt. Ltd., where I work as a Technology Educator and District Coordinator for Mumbai. My experiences come full circle, from teaching AI, Robotics, IoT, and Embedded Systems to students and educators while coordinating a 12-member team across the district. From setting up innovation labs and conducting workshops to managing operations, I learned the importance of simplifying complex concepts and making technology accessible to all.

Upon completing my Master's degree in Information Management & Systems, I aspire to work as a Business Intelligence Engineer or Analytics Consultant, roles that will allow me to build on the analytical, technical, and leadership foundations I have developed through my professional journey and extracurricular experiences. My whole journey has shaped me into a technologist driven by curiosity, a leader shaped by responsibility and expertise, and a sportsperson strengthened by discipline and consistency. With a strong passion for turning complex datasets into meaningful insights, and the discipline and resilience shaped through teaching, leadership, sports, and exploration,

I am committed to driving data-driven transformation in a way that is both innovative and impactful. And it’s not just about reaching the desired position in the coming future, but also satisfying the passion carried from the past, of making something productive with the abundant wisdom and knowledge, which has brought me here.