Statement of Purpose

I feel extremely grateful for an opportunity to present itself wherein I can apply for the **Master program of Big Data and Artificial Intelligence at the SRH Berlin University of Applied Sciences**. My name is Ayush Shyamsunder Ingle, a graduate of **Bachelor of Technology in Computer Engineering**, from Vishwakarma Institute of Technology, Pune, India with the score of CGPA 8.6 (German Grade- 1.70).

I have studied subjects like Problem Solving and Programming, Data Structures using Python, Internet of things, Theory of Computation, Engineering Design and Innovation - V, etc. I am now eager to explore the field of Data Science and Artificial Intelligence where I will learn the advanced scientific methodologies, tools, and applications in technological sciences. To take my academic endeavors, I took part in publishing two papers in reputed journals. The first paper, titled "Mazoor Katta: A Mobile Application For Daily Wage Labor Management," was published in the Springer ICTCS 2022 journal, which is indexed in Scopus. The second paper, titled "Comparative Analysis of Voice Powered Assistants," appeared in the International Journal for Research in Applied Science and Engineering Technology (IJRASET) in April 2023, Vol. 11, Issue IV.

I successfully completed several online courses organized by LinkedIn Learning. These include the 5-hour course "AWS Essential Training for Developers," the 2-hour course "Cloud Computing Careers and Certifications: First Steps," the 2-hour course "AWS: Monitoring, Logging, and Remediation," and the 2-hour course "AWS: Deployment, Provisioning, and Automation." Each course provided valuable insights and practical skills relevant to cloud computing and AWS technologies. I have also enhanced my technical skills in Linux, Python, C/C++, and MySQL. I took my IELTS exam in June of 2024 and was able to score well with a band score of 7.5: **Listening - 8.5, Reading - 7.5, and Speaking - 7.0.**

Germany is home to the elite and the most refined universities in the world that have always proved to provide an incredible learning experience for each of its students. German universities are known for their rigorous academic standards and quality education. Pursuing a Master's degree in technical sciences in Germany offers numerous advantages due to the country's exceptional educational infrastructure, strong emphasis on research and innovation, and extensive industry connections. Programs focused on technological sciences in Germany offer a comprehensive curriculum that covers a wide range of topics that are not only incredible knowledgeable, but also enhance the students' understanding of technical know-hows.

In this process **SRH Berlin** has always been among my top choices for this course because of the compatibility of the university's course offerings for my academic direction. SRH Berlin is one of the largest and most prominent universities in Germany. It is well-regarded for its strong emphasis on research with numerous research centers and institutes. The campus is vibrant with cultural activities, clubs, and organizations which only add to the likeability of the university. SRH Berlin is an excellent choice for students seeking a comprehensive education in a dynamic and research-intensive environment. I would consider it a great privilege to be a student at Saarland University.

The Master's program of Big Data and Artificial Intelligence has an incredibly long list of learning outcomes necessary for the evolving technological scene of the world. It will encourage machine learning techniques and algorithms, including supervised, unsupervised, and reinforcement learning. Students can develop proficiency in programming languages commonly used in data science and AI, such as Python, R, and SQL. The course also helps in enhancing skills to communicate complex data insights and AI concepts to both technical and non-technical audiences. Overall, the graduates of this program would be well-equipped with the knowledge, skills, and practical experience needed to excel in these dynamic and rapidly growing fields, driving innovation across various industries.

After I carefully overviewed the Master's program I am applying for, I have come to conclude that the curriculum perfectly suits my intentions and therefore, I would like to get an opportunity to attend the program at the SRH Berlin University of Applied Sciences. I hope my letter is met with an affirmative reply.

Thank you,

Ayush Shyamsunder Ingle