LETTER OF MOTIVATION

My name is **Shravanthi Keshavamurthy**. Based on my inherent passion for technology and the desire to apply data to advance solutions, I am inspired to do a **Master of Science in Web and Data Science at the University of Koblenz**. This program perfectly fits my academic background in computer science and Engineering and my Professional Experiences in Software Development Roles. As I am fully aware that your great university is well equipped with a progressive curriculum and premier instructors, I am certain that it will empower me with the skills essential to survive in the challenging world of data science and web technologies.

Education begins with science and mathematics; I was fortunate to excel in both fields, performing admirably in every challenge as demonstrated by my scores in the Secondary School Leaving Certificate Examination and the Pre-University Examination. I then embarked on a **Bachelor of Engineering in Computer Science and Engineering program** at the Visvesvaraya Technological University, I hold good communication in English as I have been studying English for the past sixteen years. Moreover, I have also illustrated my English comprehension by attaining an overall band score of 6.5 IELTS examination.

I have been working as a **Management Level 11 worker in Accenture Solutions Private Limited** since October 2021. As for the key responsibilities and experience, this role has taught me to work with Java-based applications, participate in Jira tickets, solve incidents and tasks, and address database problems. This exposure has helped enhance my problem-solving skills and helped me gain first-hand experience of the various software development Methodologies.

In addition to the academic/professional track, paralleling it I have made definite efforts to acquire more and more technical experiences. More about me, I have successfully done and completed the **Full Stack Engineer (FSE) - Cloud DevOps Beginner course** with Accenture, **Source Control with Git course,** and **DevOps Essentials course** with A Cloud Guru, **Python for Machine Learning** by Great Learning Academy. Also, I have done a manuscript Publication in the International Research Journal of Engineering and Technology (IRJET) For Dental Disease Identification by **implementing Deep Learning in the Android Application**.

Education is not just confined to classroom and professional fields; I have also developed a multifaceted personality by participating in co-curricular activities. To meet the criteria, I engage in attending webinars and events that cover areas of technology and interaction design to update myself on the occurrences in the field. Furthermore, I like to stay updated with current events and watch content videos in the technology segment which helps in satisfying the IAC element of knowledge enhancement and curriculum expansion.

Throughout my studies, I was able to undertake an internship with a focus on "**Web Application Development**" in Revoseven Technologies. During this internship, I implemented a project called 'Online Pharmacy Manager' which meant that I got practical experience in creating web applications as well as strengthened everyone's knowledge of SDLC.

The reason for applying for the **Master of Science in Web and Data Science program** at the University of Koblenz is my passion for creating more based on my strong knowledge of computer science and engineering. Throughout my academic and professional experience, data analytics became one of my core interest areas because it entails the proper use of data to create innovative solutions for the benefit of society. The following program curriculum features not only modern IT offerings but also those that are considered to be innovative, such as Big Data Analytics, Machine Learning, and Cloud Computing Technologies; these are all aligned with my goals and will enable me to get as close as possible to my dream job. In addition to these domains, I will be able to gain the technical leverage for solving complex business problems by building reliable and scalable web applications as well as unlocking important patterns and trends from large datasets for giving organizations a critical competitive advantage.

Germany is one of the fascinating countries that enjoy a good reputation for being technologically sophisticated as well as having excellent standards for higher institutions. The nation has remained committed to the promotion of science and education as well as providing a legal framework for the development of research and academic environment, and this makes the nation a most appropriate place for my graduate study. Moreover, the specific focus on the country's culture, energy and liveliness of the cities, appreciation of the environment, and people's sustainable attitude toward life complement well my character and goals to have deep and valuable personal growth beyond the framework of classes and studying.

The **University of Koblenz** is a prominent university in the area of computer science and data science, thus suitable for my academic goals. The up-to-date research facilities, equipped laboratories with industry-standard equipment, and tie-ups with giants like Deutsche Telekom and Bosch are the plus points where students get well-equipped with ongoing technologies. Moreover, the university's focus on having many branches and the presence of interdisciplinary studies as well as respect for diverse identities, which are significant aspects of the learning process, also align with my principles.

I have the educational backing of the reputable University of Koblenz's Master of Science degree in Web and Data Science and I will be honored to work in a fulfilling and stimulating position to effectively employ my knowledge in modern technologies. My dream is to work as a **Data Scientist or a Machine Learning Engineer** for one of the finest companies in the world such as **Google, Amazon, or Microsoft.**

Finally, I would like to note, that I study well, I am hardworking, and I like technology, therefore, the Web and Data Science program at the University of Koblenz will fit me perfectly. I believe that through this experience, I will become a better technician and will also develop leadership skills that will make me relevant to this fast-growing field of web and data science.

Shravanthi Keshavamurthy