Letter Of Motivation

My name is **Juhi Seth**, and I am an **Indian citizen** who completed my Bachelor of Engineering in Computer Science and Engineering from SRM Institute of Science and Technology in 2021 with a **CGPA of 9.48 (German Grade: 1.26)**. I am writing to express my enthusiastic interest in pursuing a **Master of Science in International Software Systems Science at Bamberg University, Germany.**

To study this program, I have particularly chosen Germany because of its renown for technological advancement and its flourishing software sector. The nation offers unmatched chances for education and career advancement because of its strong emphasis on research and development and its cooperative industry-academia ecosystem. I will receive a top-notch education while studying in Germany, where I will also be immersed in a vibrant, varied community that is at the forefront of technological innovation.

Furthermore, I find the University of Bamberg to be particularly noteworthy because of its well-established reputation for academic brilliance and its dedication to multidisciplinary software systems science research. The university's focus on software development's theoretical and practical components is exactly what my educational background and career goals call for. Working together with distinguished professors and classmates from various backgrounds will create a stimulating learning atmosphere that promotes creative thinking and problem-solving.

During my undergraduate studies, I had the opportunity to intern at Tata Consultancy Services Ltd., where I contributed to developing a library management system. Additionally, my internship in machine learning at Mood IndiGo Microsoft, Mumbai, allowed me to apply theoretical knowledge to practical challenges, honing my technical and analytical skills. These experiences were pivotal in shaping my problem-solving abilities and fostering a deep interest in software systems and machine learning.

Following my graduation, I joined PayPal India as a Software Engineer 2. My role at PayPal has been instrumental in advancing my understanding of software development and data analysis. I have worked on complex projects, collaborating with cross-functional teams to deliver innovative solutions. My contributions have been recognized through certifications for presenting papers on topics such as "Identifying Composite Sketches with Digital Face Photos," "Detection of Breast Cancer by Logistic Regression Using Machine Learning," and "Smart Parking System Using IoT." Additionally, I have earned the title of Microsoft Technology Associate for Introduction to Programming Using Python and have completed various courses to deepen my programming and data science knowledge.

My experiences at PayPal and the understanding of the increasing significance of cutting-edge software systems in solving modern problems are what inspired me to pursue this program. have been motivated to pursue more education in order to stay on the cutting edge of technological developments by the software industry's dynamic nature and the ongoing growth of technology. Bamberg University's M.Sc. program in International Software Systems Science, which offers a thorough curriculum that bridges the gap between theoretical knowledge and practical application, is a perfect fit for my academic interests and future goals.

The program's emphasis on software systems science, along with the opportunity for practical projects and teamwork, will give me the information and abilities I need to succeed in the globally interconnected tech sector. Additionally, the university is the perfect setting for my career and personal development because of its dedication to high-quality research and its active academic community.

After I graduate, I want to work as a top software systems science specialist, developing and optimising cutting-edge software solutions to solve pressing problems across a range of sectors. I see myself leading teams to create cutting-edge software systems and contributing to ground-breaking initiatives at prestigious research institutes or technology corporations. Ultimately, I want to use my experience to progress technology and develop solutions that have a big social impact.

Thank you for considering my application. I am excited about the possibility of joining Bamberg University and contributing to its legacy of excellence.

Sincerely,
Juhi Seth