Statement of Purpose

I am Malavika Nair Sindhupriya, a Bachelor of Technology graduate residing in the Thiruvananthapuram district of Kerala, India. Ever since my childhood, I have been fascinated by the world of computers and technology. As I grew older, this fascination grew into a deep-seated passion and I decided to pursue my bachelors in Computer Science and Engineering which I successfully completed with a decent score.

During my bachelor's degree in Computer Science, I studied a well-rounded curriculum that gave me a strong foundation in both theoretical principles and practical skills. However, I recognize the need to deepen my knowledge and acquire specialized skills to excel in this field. It is with this aspiration that I am eager to pursue my **Masters** in **International Software Systems** **Science** from **University of Bamberg** and would like to upgrade my qualifications and career, which would help me achieve my aspirations. I am sure that the education I receive from Bamberg will give me the best chance to achieve my professional goals.

As a part of my academic journey I got ample opportunity to undertake projects as they were an integral part of the curriculum. Two such noteworthy projects I completed were the **IoT based Smart Healthcare System** and **Price Negotiator E-Commerce Chatbot**.The first project involved the combination of an intelligent medicine box and a health monitoring system. This multipurpose system enabled the patient to take medicine on time, measurement of vital values and also provided the doctor with the important information about the patient. For the whole duration of the project, I found myself exploring various aspects like Human-Machine interaction in IoT applications, real time decision making and data collection in IoT devices. The second project involved developing a Chatbot connected to Telegram to create a system that would help in automating the online selling and negotiation based on price of product in real time . The project helped me to learn various concepts like Natural Language Processing (NLP) for understanding customer queries, Machine Learning Algorithms for price prediction and decision-making. Through this learning process I understood how Algorithms can learn from customer interactions to optimize negotiation strategies. In addition to this, I also worked as a Junior Engineerat Rohas Ventures Pvt Ltd which further solidified my practical experience.

My academic and professional experiences have helped me to see **Software Systems** as a rapidly evolving domain with significant contributions to different industries. The Master’s degree in **International Software Systems Science** at **University of Bamberg** aligns with my career aspirations, and I am eager to contribute to and learn from the academic community at this prestigious university. What truly sets the Master's program apart for me is the wonderfully designed coursework, particularly the modules of the curriculum. The area of specialization that particularly caught my interest is the **Distributed and Mobile Systems**. The modules like **Software Systems Science, Human Computer Interaction and Cognitive Systems** would provide me with in depth knowledge in different and advanced aspects of Computer Science.

I want to pursue my master’s degree at **University of Bamberg**, **Germany** because of its reputation as an institution of academic excellence with an emphasis on research activities. The opportunity to engage in cutting-edge research projects and collaborate with distinguished faculty members greatly excites me. I am honoured to have been accepted to this prestigious instituition. I am currently enrolled at the **University of Bamberg** and classes for my program have already begun. However, my university has confirmed that there is no mandatory attendance policy for the initial classes, so I am permitted to join at a later date without the need for a late arrival letter. I am grateful for this flexibility and fully intend to keep up with any necessary coursework and requirements in the meantime.

I decided to choose **Germany** as my destination for my postgraduate degree due to the high quality education provided by the country. By choosing Germany, I aim to make the most of the educational resources, research facilities, and diverse academic community for my academic and personal development. Moreover, the multicultural environment in Germany will not only enhance my learning experience but also provide valuable insights into global perspectives.

Germany also values education highly, offering low or no tuition fees, and is affordable and safe for international students. As part of my preparations for pursuing this master’s degree in Germany, my family has set up a blocked account with Expatrio with the amount of 11,904 Euros. My family will be providing the necessary financial support for my master’s studies at University of Bamberg. They are fully committed to covering all expenses related to my tuition, living costs, and other necessary fees throughout the duration of my program abroad.With this support, I am confident that I can focus entirely on my academic and professional growth while at University of Bamberg,

Furthermore, after I return back to my country I would like to use the knowledge acquired during my Master's through research projects, workshops, and knowledge-sharing initiatives to actively contribute to the scientific community of my nation. In addition to this, I would like to pursue a successful career as a **Software Engineer**. I aim to use my skills, creativity, and problem-solving abilities to build innovative software solutions. I believe that studying for a **Masters** in **International Software Systems Science** at the **University of Bamberg** in **Germany** will help me develop my skills and give me new ideas and experiences. This program will prepare me to make valuable contributions to the field in the future.

Yours Sincerely,

Malavika Nair Sindhupriya