**Statement of Purpose**

Approaching **FAU Erlangen for an MS in Artificial Intelligence**, I am **Surya Kumar Anbarasu**. By means of this declaration of intent, I wish to highlight my academic achievements, driving forces, and artificial intelligence study interest. From August 2020 to May 2024, I studied **Artificial Intelligence and Machine Learning** for a **Bachelor of Technology** at SRM Institute of Science and Technology in Chennai, India. By the completion of my studies, my cumulative grade point average (CGPA) came out at **7.73 out of 10. I scored 82.2%** in the 10th-grade test. Furthermore, on the International English Language Testing System **(IELTS),** taken on June 22, 2024, I effectively obtained a **band score of 7.0 (to C1 level).** I received 8.0 for listening on this test and 6.5 each in the parts on reading, writing, and speaking.

I committed myself to a bachelor's project called **"An Optimization Framework Using Brain Tumor Segmentation Using CRTL,"** while attending SRM Institute of Science and Technology. This project confirmed my passion in artificial intelligence by means of in-depth study and problem-solving. Apart from my studies, I engaged in extracurricular hobbies including travel, book reading, cooking, and hiking, so strengthening my whole personality.

**I wish to contribute my best to the always changing field of artificial intelligence, hence I am pursuing this MS in that area.** Advanced courses covering subjects including machine learning, neural networks, natural language processing, and data science abound in the curriculum. These subjects fit both my academic background and career objectives. Investigating how artificial intelligence may address practical issues and advance different sectors greatly fascinates me. I think that knowing this topic well will help me to make revolutionary discoveries and inventions. In the end, following this path can result in professions in technology, data analysis, or research.

**Germany's excellent educational system and strong emphasis on research and development drive me to wish to study there**. Since the field of education in Germany is significantly better than in other countries, I aim to remain here. I wish to be among the rich German culture, diversity, and good exposure. Studying in Germany will enable me to develop personally and professionally equally. With roughly 3.1% of its GDP committed to R&D, I want to be part of a system that spends a lot in research and development. Among all the ratios worldwide, this is among the highest.

**FAU Erlangen distinguishes itself with a rich Artificial Intelligence history.** By THE World University Rankings, the university ranks 193rd worldwide; by QS World University Rankings, 224th. For this field, this university is among the finest in Germany. The institution offers first-rate facilities, outstanding faculty, and lots of research chances. The existence of specialist research centers and institutes offers extra chances for cooperation on advanced projects and practical experience. With more than 5,000 foreign students among the sizable and varied student body, the cosmopolitan environment that results is both enriching and friendly. Participating in such a varied group will not only improve my academic background but also equip me for a worldwide employment market.

My future professional goals call for positions including **artificial intelligence researcher, data scientist, or artificial intelligence engineer**. I want to work in Germany, where firms like **Siemens, SAP, and Bosch** are continually seeking qualified AI experts and the job market is robust. The EU Artificial Intelligence Act's recent passage indicates Europe's seriousness about rising to lead globally in artificial intelligence. More employment possibilities and a vibrant work atmosphere follow from this. FAU Erlangen's MS program will equip me with the information and abilities I need to succeed in these positions and significantly benefit the field.

**Finally,** I am sure that my academic background, curiosity, and will enable me to succeed at the FAU Erlangen MS in Artificial Intelligence program. This chance will help me to grasp the topic better and provide me with the knowledge and abilities needed for a fulfilling employment in industry, academia, or research. Starting this intellectual road with a passion to help artificial intelligence by means of fresh research and discoveries excites me.

**I value your giving my application some thought.**

**Given sincerely,**

**Surya Kumar Anbarasu**