Statement of Purpose

Introduction

My name is **Skanda Gowda**, and I am from India. I feel extremely grateful for an opportunity to present itself wherein I can apply for the **M. Eng. program of Artificial Intelligence for Smart Sensors and Actuators at Technische Hochschule Deggendorf**. My area of educational interest is centred around Artificial Intelligence which is my main motivator for pursuing this program.

Academics, Projects, Technical Skills

My graduation concluded in July of 2024 in Bachelor of Technology in Mechanical Engineering from PES University, Bengaluru, Karnataka, India. Throughout the program, I came into contact with subjects like Control Engineering, Heat Transfer, Engineering Mechanics - Statics, Engineering Physics, Engineering Chemistry, Mechatronics and MEMS, etc., that proved to be great points of learning. I completed my 10th Standard exams in April 2018 with a score of **85.76% (German Grade: 1.6)**. Then my 12th Standard exams in March 2020 secured me the score of **86.33% (German grade: 1.6)**.

In the duration of my undergrad, I have successfully presented a project for my bachelor's degree titled "Fabrication of 3 Axis Engraving Machine." The focal aim of this project was to build a portable engraving tool that could engrave on wood and metal, among other surfaces. This project required fabrication, assembly, and testing to ensure accuracy and precision. Apart from this, I have completed a course of short duration like "AutoCAD Essential" from CADD Centre Training Services in Bangalore, India, to nurture my technical skills. I also undertook the **IELTS** exam in August 2024 in which I secured an **overall band score of 7.0 along with 7.5 in listening and 7.0 in reading**.

Why Germany?

I am now eager to draw my academic journey forward by applying for Master's abroad. I chose Germany as the country to pursue my Master's in because of its reputation in World Education. Germany places great value on education, especially in the field of science, and this is reflected in the high-quality teaching seen in the country. **The courses offered are constantly evolving to meet the changing standards of the world.** Not only is Germany more accepting towards cultural diversities, it also provides a safe environment for the international students. The exposure to diversity and German culture will enrich my learning experience. I believe that Germany's educational infrastructure will help me grow both professionally and individually. The country's diverse cultural and historical background, along with its tolerance and welcoming nature, make it an ideal place for international students to achieve success in their studies and personal development.

Why Technische Hochschule Deggendorf?

For me, selecting Technische Hochschule Deggendorf makes sense. The university is acclaimed for its modern technological resources, expert instructors, and emphasis on real-world application. The research centers and the chance to collaborate with esteemed academicians in the fields of artificial intelligence and smart technology are especially appealing to me. With a bustling cultural and commercial scene, the city of Deggendorf, where the campus is located, provides a wealth of chances for both personal and professional growth. I am aware of the local employment market and the businesses—like Siemens, Bosch, and BMW—that employ program alumni. Excellent internship and job chances are made possible by the university's close relationships with these businesses, which will greatly advance my career.

Why This Course?

I am eager to pursue the M.Eng. Artificial Intelligence for Smart Sensors and Actuators at Technische Hochschule Deggendorf. My fascination with advanced mechanical systems and design solutions during my undergraduate studies has driven me to seek this chance to apply for this degree. I am certain it will allow me to thoroughly understand recent software and tools like AI, smart sensors, and actuators, which are crucial in modern engineering solutions. I want to improve my practical skills in areas such as automation tools and smart technologies, enabling me to contribute to the improvement of engineering processes and product quality. The general focus on teamwork and collaborative projects will help me develop my interpersonal skills, which are essential for joint activities and organizing people.

Conclusion

Therefore, based on my academic results, work experience, and genuine enthusiasm for mechanical engineering, I believe that M.Eng. Artificial Intelligence for Smart Sensors and Actuators at Technische Hochschule Deggendorf is the perfect fit for me.

Thank you for taking the time to consider my application.

Thanking you,

Skanda Gowda