Letter of Motivation

Introduction- My full name is **Abbrar Saif, Mohammed**, and I am writing this letter to convey my interest in studying for the **Master of Science** in **Data and Knowledge Engineering** at **OVG University Magdeburg**. This program of study is right up my alley in terms of my academic and professional ambitions, and the idea of pursuing my studies at your great university.

Academic Background and Professional Experience- I completed my **Bachelor of Engineering in Computer Science Engineering** degree at Anna University Chennai, I had a **cumulative Grade Point Average of 8.92 (German grade: 1.81)**. Which proves my dedication towards my studies as well my desire to perform to the best of my ability? I took learning in specialized courses like Data Analytics, Cyber Security, Ethical Hacking, Social Network Engineering, and the Internet of Things which inseminated my desire to attain specialized knowledge in the courses. Before my undergraduate studies, I completed my Senior School Certificate Examination in 2020 with a score of **71% (German grade: 2.29),** and my All India Secondary School Examination in the year 2018 securing **90.2% (German grade: 1.43),** which gave me a very good platform for other subsequent studies. Through multiple **internships**, I have accrued practical experience as a **Software Engineer Trainee at Newgen Software Technologies Limited** where I was engaged in software development from requirements to implementation. Splendidly, at **Infra BIM Techno Solutions**, **as a Full-Stack Data Science Intern,** I enhanced my expertise in Data Preparation, Exploratory Data Analysis, Model Selection, and Evaluation. Also, I worked virtually as an **Intern** as a **Salesforce Developer** for **SmartInternz** where my learnings include: Sales Management Fundamentals, Account and User Setup, Flows & Security, Record and Field Relationships, Automation Center, Lightning Web Components, and Setting up Vs Code. I also took an **Android Basics in Kotlin intern** with **SmartInternz supported by AICTE** in which I developed Andriod apps in Kotline programming language and tools. Having the technical certifications, these experiences have given me a good ground in theoretical as well as practical aspects of computer science. Besides, I obtained an overall band **IELTS of 7.0** (**CEFR LEVEL- C1**) reflecting my proficiency in the English language.

Why Master of Science in Data and Knowledge Engineering? In particular, the **Master of Science in Data and Knowledge Engineering** is the most suitable for my future career. Thus, synchronously mastering the knowledge contained in this course, I will be provided with highly specialized competencies in Data Engineering and Data Science foresight and analysis of data. With the focus on machine learning and artificial intelligence that will be useful in acquiring the contemporary tools in developing analytical intelligent solutions. The material consists of theory and application; therefore, it is possible to know how to approach particular problems during the course. I shall be in a position to understand how knowledge is accumulated, stored, and applied from the concept of know-how management. These are more elaborate approaches and will guarantee the practitioner's success when practicing data engineering. Further, the prospects for research and development concerning the program will allow me to contribute meaningful entries to this category of learning.

Why Germany? This makes **Germany** one of the most preferred destinations to pursue education with high standard education system and excellent research system in science and technocracy. These attributes suggest that the country values innovation as a key attribute therefore any student who wishes to advance his or her education will find the country of interest. **Germany** as we found in the present time has a very culturally diverse structure thus helping in relations between cultures and the exchange of ideas in business. The spot is Germany because of its stable economy and focus on research and development subsequently creating a market for graduates. Besides, the cultural and ethnic diversity coupled with the centuries-long historical heritage contributing to numerous traditions makes the country quite appropriate for living and learning.

Why Otto von Guericke University Magdeburg? In this regard, it is possible to state that **Otto von Guericke University Magdeburg** has research and innovation in data and knowledge engineering among them. The curriculum in **OVGU** is designed to offer an understanding of business at the international level in a snapshot kind of way. The Field Experience Information captures the professional orientation, and important exposure given to students by the university to various business fields. Since most **OVGU** students are multicultural they exchange knowledge and experiences that come from different parts of the world. It is a layout of the university infrastructure and facilities available to meet the academic and personal needs of the student. As **OVGU** seeks to promote the entrepreneurial culture, this is very appropriate for my desire to develop solutions.

Conclusion- I have no uncertainty that **Otto von Guericke University Magdeburg's Master of Science in Data and Knowledge Engineering program** will grant me, I need to realize my professional goals. I can't wait to add to and gain from **OVGU's** interactive academic community. Thank you for considering my application.

Regards,

Abbrar Saif, Mohammed