Letter of Motivation

Introduction- My full name is **Abbrar Saif, Mohammed**, and I kindly wish to apply for a **Master of Science** program in **Computer Science** at **TU Darmstadt**. As a person with the correct academic grounding in the discipline of **Computer Science Engineering** and having relevant experience in the newly emergent field of software engineering and data science I feel adequately inspired and ready to improve my knowledge in this computing discipline more through availing myself the prestigious program offered here in this great university.

Academic and Professional Experience- Throughout 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**). This 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 Computer Science Program? The program **Master of Science in Computer Science** at **TU Darmstadt** provides an advanced study of state-of-art issues that will actively contribute to my choice of career. The courses' approach and areas such as Data Science, Machine Learning, Cybersecurity, etc are ideal for me. The program's focus on the current theoretical knowledge as well as a strong connection with practicing will allow me to solve the most critical issues in the IT field. It will provide a chance to work on research projects and to cooperate with partners from the industrial sector which I consider as the major advantage of the program since it will let me contribute to the practical developments. The course also allows one to focus on areas that one is most likely to find beginning with this semester hence making it more versatile. The successful completion of this program will be beneficial for my professional development and help in get better and more challenging jobs in the international market of technology. This is because the program has a good reputation for training some of the best students to meet the market demands in different fields.

Why Germany? **Germany** as a country is well-reputed in the field of engineering and technology, thus; making it a preferred location for those seeking enhanced knowledge in computer studies. Thus, the country focuses on research and innovation, so the atmosphere will be very useful for further academic development. **Germany** has a very competitive and demanding education system that offers good quality education programs to its learners. Moreover, it can be stated that the German market is open for IT specialists, and a lot of organizations and companies represent the IT field, which gives a great chance to get some practice and expand the network. Also, Germany as a multicultural country allows interaction with students of different cultures, hence enhancing the educational experience. Moreover, Germany's focus on a sustainable and digital future targets my personal and professional interests and goals, so I can conclude that Germany would be an appropriate country for my studies as well as for my potential career.

Why TU Darmstadt? **TU Darmstadt** is among the best schools in Germany especially in the field of Computer Science and Engineering. Especially the research-oriented nature of the university and strategic focus on innovation and such fields as Artificial Intelligence, Cybersecurity, or Data Science correspond to my academic preferences. State of art facilities and resources in **TU Darmstadt** will enable me to fully equip my studies and be productive. These relations with industry leaders will also open up a host of internship and workforce possibilities or collaborations at the university level for gaining practical experience. The prestigious **TU Darmstadt** and the strong alumni network will ensure that students get the right stepping stone toward their international careers. Furthermore, **TU Darmstadt** has a stimulating and diverse community of students as well as services that will guarantee a fulfilling experience throughout the course.

Conclusion- Therefore, I believe that studying the **Master of Science in Computer Science** at **TU Darmstadt** will enable me to acquire the necessary expertise as well as background to meet my career objectives. I am so much looking forward to being able to contribute to the prestigious institution's academic pursuit and learn from the creativity that enriches the college. Please accept my application, I shall highly appreciate it. I am eagerly waiting for instance to take the membership of **TU Darmstadt**.

Sincerely,

Abbrar Saif, Mohammed