

## Letter of Motivation

**Introduction-** My name is **Abbrar Saif, Mohammed**, and I would like to emphasize my interest in applying for the **Master in Computer Science** at **TU Clausthal**. Having acquired academic qualifications and gained experience in the course, I would like to build on the existing knowledge and experience in this field particularly in your esteemed institution.

**Academic and Professional Experience-** I recently completed my **Bachelor of Engineering in Computer Science and Engineering** from Anna University, Chennai, with a **CGPA of 8.92** (equivalent to a **German grade of 1.81**). During my undergraduate studies, I developed a profound understanding of core subjects such as Data Analytics, Social Network Engineering, Cybersecurity and Ethical Hacking, and the Internet of Things. My academic performance has consistently been above average, with a strong foundation in technical subjects. 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 Android apps in Kotlin 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 in Computer Science Program?** The program of **Master's in Computer Science** offered by **TU Clausthal** corresponds well with the academic field and my job interests. This program provides balanced academic coursework combined with a focus on practical skills necessary for the mastery of such subjects as machine learning, data engineering, and cybersecurity, among others. Among such benefits, I feel the most attracted by the possibility of participating in the R&D projects that would allow me to contribute to developing new technologies and solutions. The fact that the course is designed with a focus on independent as well as group projects will teach me good problem-solving and teamwork skills. That is the reason why I plan to get knowledge in this field and make a bridge between the university and the companies by working in the universities as an R&D specialist or in a top computing technologies company as an industry specialist. Also, the cooperation with top IT companies and research institutes means that the program gives students practical experience and networking with potential employers.

**Why Germany?** Germany is well recognized for its quality engineering and technology education and thus the country of my choice for my studies. A focal area in this country is research and innovation, which when combined with their upbeat economy, is very favorable for the advancement of academic careers. **Germany** has some of the best university infrastructures, students of diverse origins, and excellent links with industries making learning and interning unparalleled. Also, the sustainability and the drive of the country to embrace technological power align with what I hold in high esteem. I believe that studying computer science in Germany will offer me a chance to learn more about this discipline in a world-class environment while at the same time exposing me to the global state of affairs in this field. One has to consider the quality of life that Germany has to offer to students which also offers a friendly disposition towards international students in its education system.

**Why TU Clausthal?** As it can be seen from the foregoing reasons the University of **TU Clausthal** can be regarded as the right university for many factors. The university especially has a very salient preparation in Engineering and the Applied Sciences, combined with an acknowledged training of quality and skilled graduates are ideal for my academic interest and career path. The focus of **TU Clausthal** is to incorporate the practical approach in the learning materials and the strong connection with businesses creates a chance to solve real-life tasks based on the gained theoretical data. The available facilities that are deemed modern and numerous research specializations in computer science make the university the most appropriate place to learn and grow. Besides, the university is situated in an area recognized for technological advancement and industry connections, which in turn create more internship and partnership perspectives with top companies. Another factor that creates a great background for personal and professional growth is the crowd of students in **TU Clausthal** this is a heterogeneous and multicultural community.

**Conclusion-** Therefore, I am quite confident that bearing the **Master in Computer Science** at **TU Clausthal** will enable me to get this important knowledge and skills to work on my long-term goals and dreams. I desire to become a member of this university and gain an education as well as provide one in exchange and therefore ready to join this university.

Thank you for sparing your precious time to go through this application.

Sincerely,

**Abbrar Saif, Mohammed**,