

LETTER OF MOTIVATION

The ever-increasing needs of the populace in today's global village highlight the crucial role that computer science will have to play in the coming years. Change is a fundamental technical constant. In today's rapidly changing environment, a person must have considerable expertise in order to keep pace with the developments at the cutting edge of technology. Upon careful consideration of these factors, I have made the decision to enroll in the **Master of Science in Computer Science program at Philipps-University Marburg**. In this course, I will be taught how to create, execute, and oversee intricate databases within Database Systems. I will acquire skills in merging biological data with computational methods in the field of Databionics. By studying Formal Methods, I will gain the ability to use mathematical and logical thinking in software development. I will be taught how to generate and handle visual media in the field of Graphics and Multimedia. Additionally, I will learn how to create efficient, concurrent software applications in the Parallelism and Programming Languages course. I will become proficient in different programming languages and development tools within the field of Programming Languages and Tools. I will also gain knowledge about the principles and methods of software development. In Distributed Systems, I will master the design and administration of distributed computing setups.

After finalizing my decision on the program, I chose **Germany** for higher studies because of the advanced, reputed education system and globally recognized degrees. Top global universities are based in Germany, which indicates educational excellence. It is known for technological advancement with innovation and is also recognised for imparting research oriented excellent education systems matching world standards. This culturally diverse country is home to various IT giants and leading business companies. The universities in Germany have always pioneered research in the field of Computer Science. The emphasis German institutions place on research and practical application matches my learning preferences. Most importantly, its degree genuinely receives great recognition globally for their excellence. It welcomes students of every nationality, every culture, and religion from all over the world. I have come to learn that its university is one of the largest, most diversified, and highly respected universities. Universities in Germany are at the forefront of research, which depicts the level of faculty teaching at the institutes. Education in Germany is focused on research and development rather than theoretical learning. All these factors contributed towards finalizing my decision in favor of pursuing my studies in Germany.

After finalizing a country, came the time to select an institution and I decide to study at **Philipps-University Marburg** because it is acknowledged as one of the most preferred universities in Germany. The academic curriculum of the institution is broad, sufficiently industry-linked, and comprises aspects that are of interest to my aptitudes. Courses offered by this university are integrated with the practical and the theoretical development and knowledge of the current era. It will provide me with a chance to meet different people and experience new cultures, which is extremely important for any professional, due to the increasing globalization of industries. The university's professors are some of the most skilled in their academic areas, possessing extensive years of experience. The university has strong industry links to ensure the curriculum stays updated according to the needs of today's industry. Additionally, it has received numerous awards and top rankings. Hence, due to these reasons, I chose to study at **Philipps-University Marburg**

As far as my educational history is concerned, I completed my Class-10th in 2018 from CBSE, scoring 89.8% (German Grade - 1.46), and my Class-12th in 2020. I am currently pursuing a **Bachelor of Technology in Computer Engineering** at Vishwakarma Institute of Technology, from August 2020 to May 2024, with a **CGPA of 8.6 (German Grade - 1.70)**. I also took the IELTS examination and achieved an overall band score of 7.5 (CEFR - C1). Additionally, I completed several online courses organized by LinkedIn Learning, including "AWS Essential Training for Developers" (5 hours), "Cloud Computing Careers and Certifications: First Steps" (2 hours), "AWS: Monitoring, Logging, and Remediation" (2 hours), and "AWS: Deployment, Provisioning, and Automation". I have published two papers: "Mazoor Katta: A Mobile Application For Daily Wage Labor Management," which appeared in Springer ICTCS 2022 (Scopus), and "Comparative Analysis of Voice Powered Assistants," published in IJRASET, April 2023.

I wish to work with a leading business in the short-term in a managerial capacity to lead projects in companies such as Deloitte, KPMG, EY, Wipro Technologies, Infosys, TCS, and Tech Mahindra, etc. After gaining enough domain exposure and fine-tuning my core technical skills, I would like to grow in my career to assume more senior and executive management roles where I can make decisions, create strategies and formulate policies that will influence the operations and functioning of departments and the business itself.

It's my earnest request to consider my application and grant me the privilege to study in your esteemed University as it would be a rewarding experience for me. Thank You for the opportunity you have given me to express myself.

Regards,

Ayush Shyamsunder, Ingle