

Letter of Motivation

Dear Admissions Committee,

I am writing to express my sincere interest in applying for the Master's in Data Science program at FAU Erlangen University. My name is Bhavana Raghunatha, and I have completed a Bachelor of Engineering degree in Information Science and Engineering from Visvesvaraya Technological University, Karnataka, India. With a robust academic background, significant professional experiences, and a clear vision for my future, I am confident that this program aligns perfectly with my aspirations and academic goals.

Academic and Professional Background: Throughout my academic journey, my passion for data science has been unwavering, driving me to explore the realms of technological innovation and problem-solving within various data contexts. At Visvesvaraya Technological University, I studied a diverse range of subjects including Data Mining and Warehousing, Web Programming, and User Interface Design. I maintained a commendable **CGPA of 8.42 (German Grade: 1.95)** and completed my degree in 2023. My dedication and proficiency in this field have been evident throughout my academic journey. Furthermore, I also have demonstrated my proficiency in the English language by achieving an **Overall Band Score of 7.5 in the IELTS exam** conducted on 25.11.2023.

I also have gained practical experience through my role as an Engineer at Continental Autonomous Mobility India Private Limited, where I gained hands-on experience in data analysis and software development. Additionally, I completed a Python course at the Indian Institute of Hardware and Technologies, earning an A+ grade. My bachelor's project, "Detection of Covid-19 using Cough-Breathing Patterns and X-ray Image Analysis by Deep Learning," allowed me to apply deep learning techniques to real-world problems, enhancing my technical skills and understanding of machine learning.

Extracurricular Activities and Skills: In addition to my academic and professional experiences, I have actively participated in various extracurricular activities that have enhanced my creativity and problem-solving skills. These activities, combined with my technical skills in programming languages such as Python and Java, have equipped me with strong communication, presentation, leadership, and problem-solving skills, which are crucial in the field of data science.

Why I Choose This Course? The Master of Science in Data Science program resonates with my academic and career objectives. With a keen interest in machine learning and data analytics, I am intrigued by the program's robust curriculum. I look forward to delving into advanced topics such as big data technologies, predictive modeling, and data visualization, essential for navigating the complexities of data systems and developing innovative solutions in this cutting-edge field. This program offers an ideal platform for honing my skills and pursuing a rewarding career in data science.

Why I Choose This University? FAU Erlangen University's esteemed faculty, advanced facilities, and commitment to academic excellence make it the ideal choice for pursuing my master's degree in Data Science. I am impressed by the university's focus on research-driven teaching methods and its dynamic academic community. Additionally, the opportunity to collaborate with industry leaders and engage in internships will provide invaluable practical experience and networking opportunities in the field of data science.

Why I Chose to Study in Germany? I chose to study in Germany because of its renowned reputation as a center for engineering excellence and innovation. By pursuing my studies here, I will have access to cutting-edge education, diverse cultural experiences, and numerous career opportunities in the engineering field. Furthermore, Germany's status as a global leader in technology, particularly in emerging fields like data science, offers unparalleled opportunities for engineering students like myself.

Aspirations and Objectives: Upon completing my Master's in Data Science, I aim to step into a leadership role, using sophisticated analysis to guide important decisions and spark creativity. My goal is to apply the latest methods to tackle tough business problems, helping companies grow and stay ahead of the game. I plan to keep learning and adapting to new tech trends, staying right at the front of the data revolution. Ultimately, I see myself leading projects that use data to make the world a better place, both in business and beyond.

Thank you for considering me—I look forward to starting this new chapter at FAU Erlangen University.

Sincerely,

Bhavana Raghunatha