

## Statement of aim

Driven to pursue engineering in my undergraduate degree by a passion for science and technology and a strong curiosity in the always expanding sphere of technology, driven to study the demanding discipline, I decided to major in mechanical engineering at R.M.K. Engineering College, Anna University, and Chennai, India. Learning the several foundations of mechanical engineering during my undergraduate degree helped me to stay interested even with the practical courses. Growing up in modern, technologically advanced surroundings, I consider myself as a natural part of the ongoing changes all around me. I thus am excited to be working on a **Master's degree in Industrial Engineering at FH Kiel**.

This training will equip me with the information and abilities needed to create and enhance intricate industrial systems, hence it appealed to me. Essential for grasp and optimization of industrial processes, the curriculum comprises modules on operations management, supply chain management, and quality control. Learning about production planning, logistics, and process optimization will equip me to better grasp and enhance industrial operations by means of experience in these spheres. Moreover, I will acquire knowledge about the most recent technology and industry-used approaches, thereby equipping me for contemporary engineering problems. Once my master's degree is earned, my short-term aim is to get a doctorate. This certificate will help me to pursue a rewarding career in teaching and research. Over time, I wish to lead in technology for a big corporation.

Beginning with the Central Board of Secondary Education in India, where I finished the Secondary School Examination in March 2017 with a **9.6 CGPA**, my schooling this set a good basis in disciplines including English, science, and mathematics, which I improved upon for my Senior School Certificate Examination in March 2019. I enrolled in R.M.K. Engineering College, Anna University, Chennai, India, for my **Bachelor of Engineering in Mechanical Engineering** for the 2019–2023 academic year. My graduation **CGPA was 8.34**. I had **internships in TATA Consultancy Services Limited, Central Institute of Petrochemicals Engineering & Technology, and Spark Technical Services** where I got useful mechanical engineering expertise during my undergraduate studies.

Mechanical engineering ideas have come naturally to me from my academic background. Among the disciplines I have studied are engineering chemistry, engineering thermodynamics, mechatronics, strength of materials for mechanical engineers, and unconventional machining techniques. Through applying academic knowledge to practical challenges, my internships improved my practical skills. Extracurricular events include the **Mega ATV Championship Season-7 and BAJA SAEINDIA** also helped me grow in collaboration and problem-solving capacity. Furthermore proving my English competency, I have obtained an **overall band score of 7.0 on the IELTS test**.

**Having experienced personally during my internship at Tata Consultancy Services, I wish to study Industrial Engineering.** I was a member of a group applying IoT and data analytics to increase industrial process efficiency. This encounter piqued my interest in industrial engineering and helped me to see the possibilities in this discipline for the solution of practical issues. Operations management and supply chain management among other courses in this program will equip me with the required knowledge and abilities to succeed in this industry. Studying these modules would enable me to grasp the complexity of industrial systems and how to maximize them; hence I am quite driven to do it. Technical knowledge and interpersonal skills among other learning results of this program will help me both personally and professionally. This education will equip me for upcoming difficulties and lay a firm basis for my profession.

**Being among Germany's best universities, FH Kiel is the one I wish to apply to.** With around 7,000 students, the university has great facilities including contemporary labs and well-equipped classrooms. Experienced and always ready to help students on their path of learning are the faculty members. The campus lies in Kiel, an energetic city with lots of attractions and rich cultural legacy. Although I have no connections or relations at FH Kiel, my decision was much influenced by the university's standing and the good ratings. Strong ties to businesses also help FH Kiel to make sure the programs meet the demands of companies and the modern workplace. The university also boasts eminent research facilities and well-known experts connected to the Industrial Engineering degree, which would offer me priceless learning chances.

**Germany's outstanding, reasonably priced and quality-based educational system is why I wish to study there.** I want to remain in Germany since the field of education here is much superior to that of other countries. The exposure to many civilizations and the rich German culture will give me a special learning opportunity. Germany was my choice for my master's degree since it provides the ideal mix of theoretical and practical knowledge—qualities necessary for my success in the workforce. Studying in Germany will help me grow both professionally and personally, as I will have the opportunity to interact with people from different backgrounds and learn from their experiences. Higher education is perfect in this nation because of its strong economy and emphasis on research and creativity.

My future professional goals call for positions such **Quality Control Engineer, Supply Chain Analyst, or Operations Manager**. FH Kiel's Industrial Engineering degree will equip me the tools and expertise needed for these roles. Working particularly interests me since many of the top engineering and technological companies call that country home. The program will equip me with the necessary expertise to contribute to these industries and achieve my career goals.

**In conclusion**, I believe that my commitment to excellence and my academic performance qualify me to be a part of FH Kiel. The Industrial Engineering program will provide me with the knowledge and skills required to excel in my career. I look forward to a meaningful and productive association with your esteemed institution.

**Yours sincerely,**  
**Pragathesh, Murugan**