

*“A dream acted upon by confidence becomes an ambition and that when followed with determination defines the purpose of existence in its entirety.”*

The enigma of technology has always fascinated me. The unabated technological advances in the field of computer science have opened up growth opportunities in newer dimensions. My interest in computer science was ignited when I came across the technical world. It fascinated me how technical evolved from a single line of code into the apps complexities that the world is filled with today. I want to be an element of innovation in this field, which is creating a better tomorrow for everyone. To do this, I need to arm myself with requisite knowledge which a master's program can furnish. I envision your university as a right stepping stone to pursue my dream and achieve my career goals.

During my undergraduate studies, 'Data Structure and algorithm', 'Software Engineering', 'file systems', 'Operating systems', 'Network and Communications' evoked my keen interest, fed me with curiosities that led me into this magnetic world of technology and found subject of Computer Science to be bland and not one for analytical minds. I, however, find these to be a platform for creative thinking and there is an external potential for discovering something groundbreaking. The subject requires one to think out of the box and possess the ability to connect the dots. During my academic curriculum, I was also enrolled in some of the premium advanced courses focusing on artificial intelligence and machine learning. This challenging assignment helps me to build up my programming as well as technical skills for this course. This aspect of the subject intrigues me and hence, I choose to do my MTech in Computer Science as I aspire to make a significant turn in this field.

It was during the 10th standard that I came across the basic concepts of Computer programs and its applications. With strong motivation, I decided to pursue B.Tech in Computer Science to explore my talent in the field. I truly understand the potential in these fields and tried to grasp a strong foundation in its basics. The genuine interest in the field helped me top the lab works as well. I was able to secure a CGPA of 7.59(till 7th semester) from VIT, Vellore.

I was also enrolled in co-scholastic efforts and co-curricular activities. Even though my main focus was academics, I believe in having proper participation in extracurricular activities and making co-scholastic efforts to improve interaction in the co-working space and corporate world. To gain further experience during my summer break, I decided to understand the corporate world by working as an intern at Khalti Company. Throughout my internship period, I was exposed to sharpening my skills and enriching my fundamental skills towards this computer science.

My penchant for solving problems through innovation has brought me a long way from observing the change by integrating technology in this domain to gaining hands-on skills and being an active part of that change. Besides in college, I had an option to select electives and I registered some related courses to test my ability to excel in this field and to check if this sector is really meant for me. I studied courses like Digital Forensics (S grade, 10 points), High Performance Computing (A grade, 9 points), Problem Solving and Programming (A grade, 9 points), Parallel and Distributed Computing (A grade, 9 points), Internet and Web Programming (B grade, 8 points), Microprocessor and Interfacing (B grade, 8 points), etc. I learned a lot about these courses and I want to learn more that's why I have taken online course to learn more. My hope is to learn much more professional knowledge in the field of Computer Science and related experimental techniques, to renovate my existing concepts and the conventional mode of thinking.

Throughout my education, I have been supported by family members who believe strongly in the importance of a good education. A good example is my elder sister, a MBBS student, and she has been a guide and an inspiration to me in my goal to attend graduate school. I firmly hope that I can contribute to make my family proud of my success, and someday reach the level of formal education that my sister has achieved.

One of the major things I got overtime is that if one is educated and has the power to bring the difference in the world, it must be attempted to bring about that difference, no matter the challenge faced. Once my MTech is complete, I expect to have the expertise, the perspective, and the experience necessary to lead our industry to a new era. My goal is to amass maximum knowledge in the field in order to have a good kick start in my career as a software engineer.

There is a saying which states, "The only thing permanent in life is Change." This idea correlates perfectly to the world of Software Systems where novels ideas are not a novelty for long. It is the constant stream of new ideas that entices me to this field, and gives me a deep sense of professional pride.

Pursuing the MTech in Computer from the best technical institutes seems like the obvious next step to me. I find your institution to possess the right environment, strong faculty and a quality education to foster the researcher in me and fulfill my aspiration to become a software developer with important achievements in the future in my chosen field.

I look forward to joining your university for a rewarding experience.