**Abidil Dileep**

**Bsc in Computer Science**                                              **Statement of Purpose**

Ever since my childhood, I felt fascinated to know how electronics work and the behind the scene stories of coding where simple lines of code transform into an application. This curiosity then turned into passion as I engaged more in computer science during my high school years undertaking various coding competitions and coming up with different projects. A defining moment in my journey was when I came across a quote by Alan Turing: "We can only see a short distance ahead, but we can see plenty there that needs to be done." It is such a quote that I found quite inspiring, speaking about the endless possibilities that computer science can offer while emphasizing the need for consistent efforts. They emphasized that it is possible to make a great difference considering the opportunities and solving problems that exist to improve technology and result in the improvement of society. Deciding to go to EPITA that prepares professionals in the realm of IT and boasts a highly competitive curriculum will provide the best environment for turning my passion into a skill and contributing to the advancement of the sphere.

My educational journey began at the Government Higher Secondary School (GHSS) in Moolankave, Sulthan Bathery, where I completed my Secondary School Leaving Certificate (SSLC). This foundational period of my education was marked by a diverse curriculum that provided me with a broad understanding of various subjects, including Mathematics, Science, Social Studies, and Languages. During these years, I developed a strong academic foundation, honing my critical thinking and analytical skills. I was particularly drawn to the problem-solving aspects of Mathematics and the logical reasoning required in Science, which laid the groundwork for my future academic interests. After successfully completing my SSLC, I enrolled at Vijaya Higher Secondary School (Vijaya HSS) in Pullpally for my higher secondary education. I graduated from Vijaya HSS in June 2024 with a focus on the Science stream, which included subjects such as Physics, Chemistry, Mathematics, and Computer Science. It was during this phase that my interest in computer science truly began to flourish. The exposure to computer programming and information technology in my curriculum sparked a deep curiosity about the inner workings of computers and software.

A particular episode that enhanced my passion towards computer science was a school assignment that involved building a simple software program. This project entailed that I taught myself different programming languages and conceptualized some of the basic principles of software engineering. The coursework was truly rewarding and taxing at the same time; it made me understand how vast the coding realm is in terms of programming functional, creative solutions. Some benefits of this project were that I knew I enjoyed computer science and this project encouraged me to look into it more. Apart from my academic academics, I too have been engaged in co-curricular activities or science and technical fairs and competitions during my learning year at Vijaya HSS. These activities afforded me with practical practice pertaining to the theoretical content I have acquired in this course, broadening my knowledge base and growth. Moreover, discussions and decision making during group assignments, as well as presentations in school, and science fairs, contributed to the enhancement of team and interpersonal abilities that are vital in any job market.

Following rigorous research on some of the best IT schools in the world, EPITA in France was my choice for BSc in Computer Science because of its high rating resulting from its achievement in producing IT experts in Computer science and engineering. EPITA was established in 1984 as a private university with an excellent reputation accredited both nationally and internationally that provides a very demanding curriculum and links with industries that ranks the school as one of the best universities in France for students pursuing a degree in computer science. The curriculum of the

school is well-structured and unique from other French universities, that is, EPITA based on practical teaching methods, projects, which can help me build a career in web development. SMU has given special emphasis on technology and the technologies indoctrinated, such as artificial intelligence, cybersecurity, and data science, reap the most contemporary knowledge I would acquire. Further, it imparts training in software products and ESA Business incubation Centre where more than 300 companies are partnered with EPITA for internships and employment. The university's accreditation by the French Commission des Titres d'Ingénieur (CTI) and membership in the Conférence des Grandes Écoles (CGE) underscore its commitment to maintaining high educational standards. Additionally, EPITA's location in the Paris metropolitan area offers a vibrant and diverse student life, with over 5,000 students from various backgrounds and nationalities, fostering a rich cultural and intellectual environment.

Upon completing my BSc in Computer Science, my immediate goal is to secure a position as a Software Developer or Web Developer at a reputable Indian technology company. I am particularly interested in organizations like Infosys, Tata Consultancy Services (TCS), and Wipro. These companies are known for their strong emphasis on innovation and technology, providing an excellent environment for recent graduates to apply their skills and grow professionally. India's technology sector is a global leader, with companies like Infosys, TCS, and Wipro driving significant innovation and growth. According to recent industry reports, India's IT services industry is expected to grow at a compound annual growth rate (CAGR) of 10% from 2020 to 2025, fueled by increased digital transformation initiatives and the adoption of emerging technologies like AI and cloud computing . These companies provide an ideal platform for recent graduates to kickstart their careers, offering comprehensive training programs, exposure to international projects, and opportunities for continuous learning and development. Furthermore, the Indian government's initiatives to promote digitalization and innovation, such as the Digital India program, create a favorable environment for tech professionals to thrive and contribute to the nation's technological advancement. In the long run, I aspire to advance into a strategic and leadership role within the technology sector. My goal is to become a Senior Software Engineer or a Technical Lead, where I can influence project direction and mentor junior developers. Additionally, I am keen on specializing in areas like artificial intelligence, machine learning, or cybersecurity, which are critical to the future of technology and offer numerous opportunities for innovation and growth.

In conclusion, I humbly beseech the admissions committee to meticulously evaluate my application to EPITA. I am ardently committed to contributing to the institution's esteemed legacy and am confident that the rigorous and innovative program at EPITA will be instrumental in fulfilling my academic and professional aspirations. Your consideration of my application is greatly appreciated. Thank you.