STATEMENT OF PURPOSE

My name is Arunav Sen. I have completed my graduation from an Indian university named "Maulana Abul Kalam Azad University and Technology" and my college was one of the renowned colleges in west Bengal for engineering which name is the Institute of Engineering and Management, Kolkata. My academic session was from 2015 to 2019.

Pursuing my strong interest in Computer Science and Engineering has over the years enabled me to develop keen analytical and reasoning skills. Through the course of the four-year BTech degree program in Computer Science and Engineering, I acquired an overall perspective of this scientific discipline, with a particular interest in Object-Oriented Programming. Data Structures, .NET Technology, Database Management, Theory of Computation, and Principles of Compiler Design were some of the other areas that captured my attention. I also involved myself in numerous projects, including a prototype of a "Hospital Management System", "Online movie ticketing", developed using PHP, MySQL Server, and also the simulation of a simple SLR parser using C++ for a Principles of Compiler Design assignment. Proactive in my approach to learning.

Apart from the projects undertaken in college, I wanted to gain exposure to the software industry, which prompted me to take up various training and internships. In 2019, I got a scholarship on web Development with ASP.NET by BITM where I was trained in Backend programming with C# and frontend with HTML, CSS, Vanilla JavaScript.

After completing that course I took a lot of other project-based courses from UDEMY, Coursera for the front-end and back-end technologies. These own projects greatly strengthened my conceptual knowledge, and through their practical implementation, it also allowed me to further my expertise through integrating .NET technology. In addition to enhancing my .NET skills, I also gained knowledge about multiple architectures and design patterns. I have also done my jobs in this .NET technology. For me, Microsoft has made it very large and it has a greater future. Recently they have launched .NET 5 where they want to build one platform for web development, app development, game development, Machine learning, Artificial Intelligence, IoT altogether. I am also concerned about frontend technologies like React, Angular, Vue. My GitHub link: https://github.com/arunavsen

Having acquired a solid foundation in the field of computer science through a rigorous undergraduate program, and my various internships in the IT industry, at this point, I feel that it is the right time to take up graduate studies. I wish to raise my understanding of the nuances of the Computer Science field and use this knowledge to further my chances for a lucrative career in Software. With a keen interest in working on the latest web technologies, I seek to take advantage of the plethora of opportunities in the field of social media which allows the combination of these technologies with one's creative instincts.

The MTech program in Computer Science and Engineering at the Indian Institute of Technology Bombay will undoubtedly provide me with the right knowledge, skills, and experience to pursue that dream and exploit the opportunities to the fullest extent. The practical orientation of your in-depth coursework will allow me to acquire a clear understanding of the subject and the skills to execute it. I am confident my exposure to such initiatives would quite augment my knowledge base and add tremendous value in enabling me to realize my professional goals.

Arunav Sen

Signature with Name

Date: ___26/04/2021_____