Statement Of Purpose

My fascination with technology began when I was a young child. When my parents first showed me this exceptionally powerful device, the computer, when I was ten years old, I was mesmerized. My entire world has altered since then. I was fascinated by how technology can bring people together when I saw my mom use Skype to talk to her brother who lived in another country. When I first learned about C, C++, and Java in high school, I became more interested in the discipline of computer science. I ran a few small programmes using these programming languages, which stoked my desire to explore the world of computer programming languages further. I opted to pursue a career in this industry because I was fascinated by the development of technology and the capacity to create software applications. Hence, I enrolled in the Department of Computer Science to pursue a degree in Bachelor of Technology in Computer Science and Engineering from the Kalinga Institute of Industrial Technology, affiliated with KIIT University, Bhubaneswar, Odisha, India. The programme helped me build a strong fundamental base on subjects such as Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Web Technology, Database Management System, Computer Organization and Architecture, Computer Networks, Artificial Intelligence, Big Data, Software Engineering, Design and Analysis of Algorithms, High Performance Computing, Cloud Computing, Compiler Design, Machine Learning, Data Analytics and Wireless Network Systems.

I concentrated on both academic knowledge and learning via application during my undergraduate studies. When I first started learning Python in the fifth semester, I utilised my theoretical understanding to create a news application in Python. For my sixth semester, I used ReactJS, HTML, CSS, JDBC, and Java to build an AI-enabled Fintech B2B Cloud Application. Integrated with ML model to forecast the due date for the invoice. Additionally, I completed an internship at High Radius Corporation, where I gained practical experience using my expertise in sales and marketing. Using frameworks like Servlets, Struts, Spring, and Hibernate, I built a Movie Directory Management Application for my seventh semester. The application creates an inventory of movies that users may filter and view in accordance with their preferences. The same application has been released as a web application, with the front-end using extjs and the back-end using

Java and the Spring framework. Through tables and advanced searches, the user can enter, retrieve, and manage information on movies on the user-friendly interface. During the winter, I worked as a research analyst intern at Draup Business Solution Pvt. Ltd., where I was in charge of doing the research and maintaining the data on their platform. This experience helped me to expand my expertise. I tackle every task with a single-minded focus, aim for the best outcomes, and never back down from a challenge that is worthwhile. My academic achievement, online certifications, and internship experience all attest to my interest in learning more about computer science.

The United Kingdom has always come to mind whenever I considered studying abroad since it is so well known for providing top-notch education. As has been said, a degree from one of the top universities in the UK may result in excellent academic accomplishment, much like Edgar F. Codd, who invented the relational model for database management and the theoretical basis for relational databases and relational database management systems. I made the decision to continue my post-graduate studies here because of my interest and commitment to pursuing a successful career in the field of computer science.

I would learn how to operate professionally and get experience dealing with highly acclaimed academicians at your respected university, which would further expand my skill set. I think the qualified professionals would help me through the programme and impart a lot of employability skills that would be helpful in the real world. Another element of applying to the University of Bath is that it offers modules like a core in computer science and many more modules for growth according to student desire. I will be compelled to have the opportunity to attend your prestigious university, where I will be able to place a greater emphasis on practical knowledge and devise a plan to accomplish my desired career objective.

After receiving my education from the renowned faculty of your prestigious institution, I hope to use my knowledge and skills to simplify problems in the real world and to benefit humanity as a whole. Finally, I would like to add that my major motivation for enrolling in the University of Bath for my post-graduate studies in computer science is to achieve better outcomes over the course of the programme and to obtain fascinating career experience.