

## **STATEMENT OF PURPOSE**

In the complex and interconnected world of international business, the science of Information Systems has become increasingly important. With my extensive background in computers, I have become quite interested in this area. However, if I am to prepare myself for the challenges of a successful career, it is essential that I combine my background in computers with further education in Information Systems.

I earned my Bachelors' degree in Computer Science from Maharaja Surajmal Institute of Technology (GGSIPU), Delhi in July 2012. During my undergraduate study I studied courses like Fundamentals of Computer Science, Data structure, Software Engineering and Object Oriented Programming, which helped me gain a strong background in the fundamentals of Computer Science.

During the course of my study, I undertook minor project in the 7<sup>th</sup> semester on 'Timetable Generator' using HTML, CSS, Java and MySQL. The project focuses on generating a well formatted time table for each class based on the details of professors, courses, students and availability of classrooms. My major project in the 8<sup>th</sup> semester on 'Parallel Web Crawler' involved implementing a web crawler for distributed systems using Java technology which crawls the current set of publically indexable web pages in order to maximize the download rate while minimizing the overhead from parallelization. The crawler was scalable and resilient against system crashes.

In June 2011, I applied for a 2 month internship with Defence Research Development Organisation, Delhi, where I was assigned a project on network performance enhancement. I studied features like port density, power consumption, traffic management, and switching capacity of LAN switches, which helped me in understanding the basics of network hardware, software and its services, and essentials of network performance.

After my undergraduate program, I joined Infosys Ltd., Mysore, in August 2012 as System Engineer. During my training at Infosys, I scored a CGPA of 4.7 on a scale of 5. I learned JAVA/J2EE, Testing, PL/SQL and DBMS. Subsequently, I was selected for RMP (Relationship Management Platform) project of Royal Bank of Scotland, one of the prestigious clients of Infosys. Working on a banking project helped me gain insights on banking and financial domain. In my 2 years of experience as a System Engineer, I acquired expertise in many web technologies and development practices. I was chosen to provide onsite deployment support for RMP application at RBS, Technology Service India, Chennai. My competency and leadership skills were rewarded by my company with a certificate of appreciation in March, 2014.

To fulfil my desire to learn and explore new technologies I switched to OneShield Inc. in August 2014 as Implementation Developer. Working with OneShield has helped me understand the business software solutions to the global P&C and General Insurance industry and to work with the minimum resources available. As an Implementation Developer, I have worked on OneShield Designer tool for designing web pages, Web services for system integration, deployment tools like Bamboo for application deployment across testing environments. Additionally, I have been involved in creating demos for potential clients which has enhanced my knowledge in insurance domain. Interacting with diverse group of people at work place, learning leadership qualities and inter-personal soft skills from seniors, overall has given me great corporate exposure.

Apart from academics my interests lay in extracurricular activities. In college I was the Activity Head of Prakriti, Eco Club of college in the year 2011-12 where I was actively involved in organizing tree plantation and cleanliness drives and motivating people to work for the betterment of the environment. Being socially conscious, I have also organized blood donation camp in my college in September 2011. I have worked as a volunteer with organizations like International Economic and Commercial Sciences Students Association (AIESEC), Indian Youth Climate Network (IYCN) for social causes in the year 2010. I was also involved in planning and organizing events for technical fest, Avensis 2011 and 2012 in my college. Each of these roles has boosted my leadership skills, team spirit, interpersonal capacity and organizational abilities.

I understand that a Master's degree is essential to have a firm understanding of the advanced concepts and it contributes substantially to one's professional and personal growth. I believe MS program in Information Systems would help me to acquire a higher level of knowledge, leadership skills and problem solving ability to tackle the most diverse and intricate problems.

Post MS I plan to work for consulting firms like Deloitte, Accenture as they will help me apply the knowledge I have accrued and help me get a more globalized perspective. My long-term career objective is to establish an IT consulting business which will provide solutions to help organizations improve the structure and efficiency of IT systems.

Graduate Studies in Information Systems at Northeastern University, Boston, offers a curriculum in line with my expectations. Courses like Enterprise Architecture Planning and Management and Enterprise Software Design have really perked my interest. I am keen to be a part of the 'INFORMS' society at Northeastern University as this will allow me not only interact with people from different walks of life but also provide opportunity to engage in research activities that would help me achieve my goals.

I find that your esteemed college with its world renowned high-tech facilities will be the ideal place for my graduate studies. Given an opportunity, I shall strive to add value to your institution.