**STATEMENT OF PURPOSE**

“*If you run you stand a chance of losing, if you don’t run you have already lost”*

--Barack Obama

**Objective:**

The above-mentioned excerpt has inspired me to run for bigger dreams and achievements and I aspire to fulfil them and reach the pinnacle of success in life. I currently work in Accenture Private Limited, as a Software Engineering Analyst, and deeply aspire to utilize my potential further in the field of computer science. My goal is to pursue Master's in Computer Science and contribute gainfully to the software industry. My broad areas of interest are C, Python, Database Management System. As I stand at the threshold of taking a giant career leap, after carefully contemplating the various career options open to me I have decided to go in for graduate study that calls for personal commitment in fulfilling the crafts of independent research and dedicated involvement. I realize that my present knowledge would not suffice my goal of taking my career to great heights. I feel that unless one is erudite in one’s field, one cannot be fully satisfied.

During my undergraduate studies, I was exposed to various subjects that included programming languages, web technologies, software engineering, database management and networking concepts. I was also introduced to management based subjects like Managerial Economics where I gained knowledge and understanding of the basic management concepts. To improve the knowledge, I thought teaching others would be a great step. Then some of my fellow classmates and I founded a student tutoring community ‘WE-THE-TUTORS’ in the campus. The objective is to guide and teach academically backward junior students. My areas of tutoring include programming languages like C, C++, Java and database management concepts. Social media, classroom teaching and YouTube channels were the main means of tutoring. The community was recognized and praised by then principal. This phase of my teaching has given me the required insight & understanding of the subjects of computer science. My skills of communication are into an excellent mode which I recognized when was praised by industry veterans at India Science Congress 2011 when I presented papers & workshops on “Speech Recognition” techniques.

My first hands on experience with technology were through the 3rd and final year’s projects in the university. The 3rd year project titled “Attendance Management System” is a system that manages attendance data of professors and students and sends automated mails that comprise monthly reports to every subscriber. Leading a team of 3, I successfully published the project and received appraisal from the Head of Department. Impressed by the functionalities of the project, higher management adopted it in the campus and have been using it for data purposes. Late JRD Tata, a very successful Indian businessman once said ‘*the society gives us a lot and it is our duty to give back to the society through some way we can*’. Being a society lover, I always try to fulfil this duty through every means I can. Keeping this on mind I chose my final year project to be "24 x 7 Health", a web application that provides online healthcare services. I developed this project with the view of how I may help society. Through the website, patients or his caretakers can log into the website and can lodge an illness complaint. The website handles the request and forwards it to the appropriate group of doctors through email and cellular SMS’s. The responsible doctor then can prescribe in reply based on the symptoms mentioned and if required, may visit patient’s address. The theme of project was praised by the key members in the campus. I still have a short-term goal of adding more advantages and innovative ideas to the project and then, will propose it to the higher health authorities of India. Since my father worked for Indian Health Department, he may help me gather

altruistic paramedics who will be willing to offer free service on my website. It was a learning experience that also instilled social responsibility in me. During the 4th year, to know where I stand, I appeared for GATE-2013 national level engineering examination where I was ranked All India Rank **4227** out of 2.25 lakhs candidates.

Being successful at undergraduate studies standing among top **8%** of the fellow classmates with **72.07%** overall, the strong desire to know what I learnt so far indulged me to form a team of 6 and develop a real-time project http://urbanbasket.in. I took up the roles of database administration and SQL programming in this project. The website is an online kitchen grocery store which is first of its kind in my city. It is receiving great response today. After this, the strong desire to understand the business process and the requirements of the industry propelled me to accept an employment before pursuing graduate studies. My employment as a Software Engineering Analyst at Accenture, a global fortune 500 company, has given me the so opportunity to evaluate and explore my interests. I found this to be a very good opportunity to gain real time work experience in the RES-ENERG (Resource-Energy) domain with primary focus on the technology of ASP .Net. Clearing a number of tests conducted in training period, I was prioritized to work for 2 client projects owned by “Schlumberger” - a leading oil field services company. During this period, I had great exposure to technology, client interaction, problem solution, team management etc. The project is an onshore - offshore operating model and it required me to interact closely with both the onsite team as well as the client team. This helped me gain deep insight into operations and client interactions.

Being good at database management, I voluntarily took up a dual role of both developer in ASP .Net MVC and database administrator in Microsoft SQL in the project. I travelled Dubai to work with client team and presented formulations on behalf of the entire offshore team which impressed the client very much. I was awarded an “Alchemist” for being outstanding among 300 peers working for the same client. I received significant and highest rating among the peers in all performance reviews throughout the tenure. The output of mine fetched me a promotion within 14 months from the date I joined the firm. This gave me enough exposure working in a global environment which instilled great love towards researching in the field.

Having worked for over **2+** years now, I have gained good knowledge on the overall SDLC (Software Development Life Cycle), picked up a few additional skills like Data Modelling techniques and experienced with different flavours of UNIX. The hours of hard work that I put into excel in my areer at Accenture not only made me realize the beauty of attaining knowledge but also gave me the perseverance to look beyond and extend my boundaries, the time I have spent has only given me a brief glimpse of the vastness of knowledge, what I have seen has only aroused my curiosity and eagerness to explore the depths. This exposure increased my interests further in Software Development. Accenture, with its rich heritage in consulting and technology has provided me ample opportunities to gain domain specific experience and the ability to provide innovative solutions. Apart from my college curriculum and employment at Accenture, there have been various organizations that I have closely worked with which mainly focus on the development and wellbeing of the society. As a student I had enrolled myself with AIESEC which is the world’s largest youth run organization. To be a part of AIESEC everyone has to go through three rounds of interviews which test our communication skills, our love for society and willingness to work for the development of the society. Being a technology lover, I was a crucial member of ISTE (Indian Society of Technical Education). As part of these two bodies I have conducted and managed many events in the other regional university campuses. This didn’t just only give me a taste of leadership skills but also helped

me improving my communication skills to a great extent. I have been a kind of person who believes in the Joy of Giving. As part of CSR (Corporate Social Responsibility) volunteer in Accenture, I spend 3 hours of time every fortnight to teach mathematics at an NGO Mahita. Mahita is an NGO for women where Muslim girls are given basic education free of cost. While working at Mahita I could see how happy I can bring a smile to their faces just by giving a fraction of my time. I also worked with Dr. Reddy’s foundation, an NGO that empowers under-privileged youth through sustainable livelihood.

I look forward to a career in research where I cannot only use my academic background to achieve my research goals but also make original contributions to the field of my interest. I believe that graduate studies would provide me with the opportunities to attend advanced courses and would be the stepping-stone to my career in research. University of North Carolina at Charlotte suits my research interests because of its advanced academic curriculum and world-class research groups. I believe that it is the best environment for me to achieve my goals while gaining experience and exposure to a diverse student body and faculty. I believe that no other school provides students with the combination of culture, education and research environment, required for an overall personality development, as offered by your institution.

Summarizing all written above, I believe that my serious intention for study, my projects, my certifications and strong academic background in various areas of Computer Science will be beneficial for my graduate studies and research. Attending your prestigious institution would give me an opportunity to receive high-level education under the guidance of prominent professors and excellent teachers. I would regard my admission to University of North Carolina at Charlotte not only as a great honour but also as a great responsibility and challenge to prove myself.

Regards,

Naveen Kumar Seerapu