

I have always been more passionate about scanning the tech landscape, tracking profound shifts in digitization, learning more about how individual technologies are combined in transformative ways, leading to innovation unimagined. Even when I was at high school, I was not oblivious to terms such as artificial intelligence, devops, blockchain, cloud development and others. I owe this knowledge to my parents who left no stone unturned to help me explore the tech world in my own typical way. With all this understanding of tech, it was natural for me to opt for a career in the tech field.

I enrolled for the bachelor of technology in computer and engineering at Lovely Professional University with the sole purpose to quench my thirst for advanced skills and also to make myself more adaptable and versatile to lead in the tech world. As an engineering student, it was a wonderful experience for me since it developed in me the potential to realize the real digital future. It helped me with developing knowledge of complex computing systems, computer networking, software development and data technologies. I also learnt and developed expertise in programming languages such as C, C++, Java, PHP and Python.

As an engineering student I worked on a large number of projects. I was super-excited to put my programming skills to a real and practical framework. Therefore, I undertook a project called online banking which was developed purely in C++. It was a perfect replica of the modern banking applications which would allow the users to open their account, check their balance, invest online in bank offers or programs, change passwords, request for services online, etc. Almost all the important functionalities were added. I got a huge encomium for the project too.

I also led various projects. I led a team on development of the stick for the blind. It had a unique concept. It was developed with the sole purpose to make it easy for the blind people to move around with all confidence. The stick will guide them through their route and warn them of the obstacles ahead. It was programmed with the right algorithms for detection and analysis of the obstacles ahead. It was my passion for data and earnest desire to develop a more secure data solution that I undertook a project called privacy preserving biometric authentication using bio-honey for BTP. I developed various fingerprints and combined them with the real finger prints to restrict access to the data. The data was almost inaccessible by the hackers since hackers could not detect the real combination for the fingerprints. I also worked as an intern at (name of the company) where I got the opportunity to explore more about the Pega technologies. Working for almost six months, I developed a good understanding of design and development of Pega-based solutions, and improved my ability to translate business requirements into usable, robust, and scalable applications.

I believe in staying on top of industry news and trends as this helps with creating opportunities for growth and also provides enough competitive edge. This future-facing master's program in computer science at (name of the university) will help me become more adept at tech. The university is better known as a high-tech super cluster and delivers smart technology courses. The course such as masters' in computer science offered by the university is unique in multiple ways. The industry standard facilities at the university will greatly help me develop practical skills and convert my raw ideas to life. A perfect mix of conventional and innovative learning environments will enable me to learn requisite knowledge and real-world skills, standing me in good stead for a more successful professional career.

This unique course will show me how to be at the forefront of analyzing complex problems, designing and developing enterprise-grade software programs that perfectly resolve business issues or problems. I will be equipped to deal with the high demands of modern computer science and make myself more capable enough to respond with solutions that flawlessly meet the needs of the growing technology industry, research or development. I will gain a good understanding of high performance computer systems architectures, grid computing and grid services. cloud computing, data dependence analysis, network and internet technology and design, cloud storage, and computing as a service. I will gain expertise in applied big data analysis, data visualization, machine learning and artificial intelligence too.

Technology is growing incessantly, offering choices to resolve business and societal problems. This master's program is designed to help me achieve my real tech potential. It supports my transition towards a challenging, and rewarding career that I dream of. After this course, I can take the role that I love the most. I am more excited to work as a software developer, or a computer programmer. I also see opportunities across computer network and management, IT infrastructure management, IT security and information management systems. I also have this desire to work in the field of research. I am excited to discover the powerful computing capabilities, the computing paradigms such as edge computing and quantum computing which are at the forefront of digital transformation. Pursuing a PhD in such relevant research areas is one of long-term goals and I am confident that gaining real world experience and by being more analytical in approach to problem solving I will be able to turn my dream of researching on such similar topics into a reality as well.

I look forward to studying at (name of the university).

Regards

Kattekota Krishnadevaraya