

Statement of Purpose

We're living in an era of unprecedented technological advancement, which has revolutionized almost every domain of human society and knowledge, and in turn has tremendously changed the way we live, learn and interact. Research gives an individual the exposure to a variety of challenges in an independent work setting where he can take up new challenges every day and kept abreast oneself of emerging-cum-trending technologies. Thus, with zeal to actively contribute to these advancements and to further my quest of knowledge and excellence, I have decided to pursue my PhD at one of the premiere institutes of India, IIT Bombay.

I vividly remember being a 10th grader, back in 2007, and typing my very first program and casting the first spell by echoing "hello world" in my life. It was so fascinating for me when I ordered the computer to execute tasks with the help of simple commands. Such a feeling of mastery inspired me to explore and yearn for the most in this field. Since then, a thrill continues to enthrall me whenever I dictate the machine to do what I ask for. During my school days, computer education in Afghanistan was still in its infancy. Fortunately, I got admission in one of the finest community school in the Jalalabad City, which helped me gain beginner-level knowledge of programming languages C/C++ & database. My interest towards computers turned into passion in no time and I was finding any excuse to learn and work on projects. Prodded by my inner voice, I joined computer application program for undergraduate level at Jamia Millia Islamia University, one of the most prestigious universities in India. After completing computer application, I have developed more than ten websites and database for different organization in Afghanistan. My involvement in those projects dynamically increased my capability in developing innovative solutions to real world problems. In 2013, I was appointed as Software Developer at GlobalTech Software House, where my role was to develop websites and databases. In 2014, I worked as an IT Manager at Polio plus Afghanistan. My curiosity and passion leaded me to get a master's degree in the field and I have completed my MCA from yet another reputed university of India, Jawaharlal Nehru University, New Delhi. I must say, this was a pivotal moment in my journey because I started to retain more of the information I was learning and that ultimately helped me move forward with a job opportunity at TechMatrix Consultancy as a software developer and Salesforce Administrator. Having had an experience of sense of excitement while working on various projects, I realized my penchant towards research. I want to further my education which will not only help me to gain extensive research skills but also leverage my present knowledge of the field to find solutions to problems on a larger scale.

The doctoral degree in Computer Science and engineering at IIT Bombay will definitely help me enhance my horizon of knowledge, broaden my concept on various Computer technologies. Besides academics, studying in a diversified and favorable environment in a foreign land will definitely instill interdisciplinary awareness in me. And, I believe, with the world class academic atmosphere along with the best faculty I can outstand myself as an excellent graduate student enriching my knowledge and achieving my goals. Given a chance, I will prove my capability of meeting and even exceeding your expectations.

I shall be truly grateful if I were granted this opportunity.