# STATEMENT OF PURPOSE (SOP) QUESTIONNAIRE

**Please be as expressive and genuine as possible in answering the following questions.**

**Student Name:**

\*Shortlisted universities/colleges:

\*Course:

\*Country: USA

\*Word limit:

**FYI: I HAVE COMPLETED MY POST GRADUATION IN *MASTER OF COMPUTER APPLICATIONS* FROM *R V COLLEGE OF ENGINEERING , BANGLORE***

Answer each of the following questions in **100-150 words** or more

1. What learning, incident or experience led to your choice of program (eg. Computer Science, Business Analytics, Economics) and why do you seek to pursue the same now for a Master’s qualification? If there is anything about your family background which inspired you to study your chosen course, please mention it here.
   1. Have you been inspired by your school teachers, parents or college professors?

Yes inspired by one my brother who is working in amazon, usa

* 1. Any external factor which acted as a motivational force?
     + The transformative impact of software development, fueled by industry demand and technological advancements, serves as a key external motivation for pursuing advanced studies in Computer Science
  2. What were/are your favourite subjects?
     + Web development, Machine Learning, Computer networks

1. Describe your educational journey so far? What did you study for your undergraduate and how has it prepared you for your Master’s degree? Highlight the following:
   1. Projects and presentations
      * Virtual assistant using deep learning techniques , the paper has been accepted and yet to be published in IEEE Explore
   2. Workshops, seminars, conferences attended
      * Attended “The 7th International Conference on "Computational Systems and Information Technology for Sustainable Solutions [CSITSS — 2023]”
      * Gave a presentation on project “**Virtual assistant using deep learning techniques “** in the above mentioned conference.
   3. Internship or training experience
      * I have successfully completed an internship as an Application Administrator at Koch Business Solutions, where I gained hands-on experience and valuable insights into managing and optimizing applications.
      * MARCH 9 , 2023 TO SEPTEMEBER 9 , 2023 (6 MONTHS)
   4. Extracurricular activities like organising events or leadership roles in student clubs, athletic teams, etc.
      * I was Main coordinator for EXCEPTIONS 2023 Which is a combinations of various technical events
      * I was ranked 2 in shuttle badminton at Mysore University.
   5. Papers published
      * “**Virtual assistant using deep learning techniques “** is yet to be published in IEEE Explorer , the paper has been accepted and I have given presentation but its yet to be published in IEEE Explorer
   6. Field trips
      * NONE

\*Please note that this section should be focused on your undergraduate experience. Avoid writing about school activities.

1. If you have any professional experience(s) please write about them in detail. Clearly mention your joining date(s), what designation you were/are working in, and your key roles and responsibilities. You can further explain what kind of challenges you faced in these roles or your significant learning experiences.
   1. Roles and responsibilities
      * I WAS HIRED AS ASSOCIATE APPLICATION ADMINSTAROR IN KOCH BUSINESS SOLUTIONS FOR INTERNSHIP FROM MARCH 9 – SEPTEMEBER 9 (6 MONTHS) , I WAS CONVERTED AS FTE IN THE SAME COMPANY
      * In my current role as an Associate Application Administrator, I am responsible for managing applications across various environments, including Production, UAT, and QA. This involves deploying applications, resolving incidents, and building CI/CD pipelines in Azure DevOps. Additionally, I actively contribute to application migrations from on-premises to AWS, collaborating closely with Business System Analysts, developers, and the DataOps team.
   2. What you learnt
      * This role has provided me with comprehensive experience in application management, deployment, incident resolution, and the implementation of CI/CD pipelines. I have acquired skills in cloud migration, specifically in transitioning applications from on-premises infrastructure to AWS. The collaborative nature of the role has enhanced my ability to work effectively with cross-functional teams
   3. Challenges
      * Managing incidents and ensuring seamless application migrations presented certain challenges. However, these challenges have been invaluable learning experiences, allowing me to develop problem-solving skills and gain a deeper understanding of the intricacies involved in maintaining application functionality across diverse environments.
   4. Breakthroughs
      * Successfully building and optimizing CI/CD pipelines in Azure DevOps and contributing to the smooth migration of applications to AWS were significant breakthroughs. These achievements not only demonstrated my technical proficiency but also highlighted my capacity to contribute to the strategic goals of the organization.
   5. Any gap period in which you were not working and wh**y**
      * **NONE**
2. Why Master’s now? Explain how you came to this decision in light of your academic and professional experiences thus far.
   1. Professional growth
      * Having worked as an Associate Application Administrator, I've gained hands-on experience in managing applications, deploying them across various environments, and contributing to cloud migrations. However, to achieve my goal of becoming a proficient software developer, I recognize the need for a more in-depth understanding of advanced concepts, methodologies, and emerging technologies. A Master's in Computer Science will provide me with the comprehensive knowledge and skills required to excel in this role, allowing for substantial professional growth.
   2. Change of field (For example switching from engineering to a management field)
      * While I'm currently engaged in application administration, my aspiration is to transition into a more specialized role as a software developer. This shift within the broader field of computer science aligns with my career goals and the need for a deepened focus on software development. Pursuing a Master's in Computer Science will equip me with the expertise necessary for this transition, fostering a seamless move from administration to development.
   3. Interest in academic research
      * Beyond practical skills, I am intrigued by the prospect of delving into academic research within the realm of computer science. A Master's program offers the opportunity to engage in advanced research projects, allowing me to contribute to the academic community while staying at the forefront of technological advancements.
   4. Financial stability that allows better educational/professional opportunities
      * Fortunately, my professional journey has provided a stable foundation, enabling me to consider advanced education without compromising financial stability. This stability allows me to pursue educational opportunities that will not only enhance my skills but also open doors to more rewarding and challenging roles in the software development domain.
3. Highlight the efforts you have made to prepare for the Master’s program. For example:
   1. Online courses
      * I have enriched my skill set through various online courses, including comprehensive training in web development using HTML, CSS, and JavaScript. Additionally, I have completed a specialized course on building CI/CD pipelines using Azure DevOps. These courses have not only provided a theoretical foundation but also practical insights into modern web development practices and the implementation of robust CI/CD processes.
   2. Certifications

NONE

* 1. Software you have learned to work on to enhance your technical skills
     + I have developed hands-on expertise in several software tools and platforms as part of my professional role. Notably, I am proficient in managing applications using tools specific to application administration. I have also gained practical experience with cloud platforms, particularly AWS, as well as Azure DevOps for building and optimizing CI/CD pipelines.
  2. Any part-time jobs or freelance work

NONE

1. What do you think makes you well-suited for the subject? What skills do you possess that will make you excel in this field? Your answer should be program-specific and not something like ‘this is my childhood dream’. For example, if you are applying for Business Analytics, skills like quantitative skills, knowledge of statistics, data interpretation, programming like Python, MySQL and machine learning algorithms.
   * + My readiness for the Master's in Computer Science program is rooted in a multifaceted skill set and practical experience. Proficient in web development technologies such as HTML, CSS, and JavaScript, I have further honed my abilities through specialized courses, showcasing a robust technical foundation. The completion of a course on building CI/CD pipelines using Azure DevOps underscores my practical knowledge in modern software development practices, aligning seamlessly with the evolving landscape of computer science. Additionally, my hands-on experience in application migrations to AWS reflects a solid grasp of cloud computing, a critical aspect of contemporary computer science. Working collaboratively with diverse teams, including Business System Analysts, developers, and the DataOps team, has developed my collaborative mindset—an essential trait for navigating complex software development projects. Further, my adept problem-solving skills, refined through incident management challenges in application administration, translate seamlessly into the intricate problem domains encountered in computer science research and development. My commitment to continuous learning, evidenced by my engagement in online courses and pursuit of certifications, signifies an adaptable and forward-thinking approach—essential attributes for success in the dynamic field of computer science
2. Suppose you have completed the Master’s program in your course of choice, what do you plan on doing next? What are your goals in the short and long term?
   1. **Short term goals** refer to the jobs you plan on taking immediately after completing Masters. Mention designations you see yourself in and 3-4 companies you would like to work for in the next 4-5 years.
      * Upon completing the Master's program, I aspire to secure a position as a Software Developer in a forward-thinking technology company where I can leverage my enhanced skills and knowledge gained during the program. I aim to contribute to innovative projects and further refine my expertise in cutting-edge technologies. Some companies that align with my career goals include AMAZON ,GOOGLE , and MICROSOFT , known for their commitment to technological advancements and providing an environment conducive to professional growth.
   2. **Long term goals** refer to where you would like to see yourself settled. It is your ultimate dream, like starting your own business, working in the leadership rank of top companies, working with the government, and so on. Something you're likely to obtain in the next 10-15 years after graduation. Tip: Long term goals are most impressive when they are impact-driven and hold societal value.
      * In the long term, I envision myself playing a pivotal role in shaping the future of technology as a technology leader or CTO in a renowned tech firm. My ultimate goal is to lead transformative initiatives that have a substantial societal impact. Whether it's spearheading sustainable technology solutions, contributing to advancements in artificial intelligence, or championing diversity and inclusion in the tech industry, I aim to make a meaningful difference. I aspire to be known not only for technical expertise but also for fostering positive change within the industry.
   3. **Academic goals** refer to additional education plans after your undergraduate/postgraduate studies like PhD and Doctoral Research. Only mention if this applies in your case.

**Tip:** Try to explain your goal in a detailed and specific manner. It cannot be a general area; it has to be something specific, like manufacturing glass bottles, for an example. If the university finds your ‘goal’ vague, why would they grant admission?

My paramount academic goal is to become a highly skilled and specialized software developer, focusing on the intricate details of crafting efficient, secure, and innovative software solutions. Specifically, I aspire to immerse myself in the nuances of JavaScript programming to develop a profound understanding of its architecture, functionalities, and optimal implementation practices. I envision not only mastering core development tasks but also becoming proficient in the utilization of cutting-edge technologies like Node.js, ensuring that I stay at the forefront of software development trends. To achieve this goal, I plan to actively engage in specialized workshops, undertake rigorous hands-on projects, and participate in relevant academic communities that provide insights into emerging technologies. My commitment to detailed learning and continuous improvement reflects my dedication to contributing substantively to the ever-evolving landscape of software development, making me a valuable asset to any technological team or project.

1. What are the features of an ideal Master’s program for you? To answer this question, you can either go through the program details on the university website or mention a few integral points, like:
   1. Research areas of interests and its potential benefits with regard to society (technological innovation, impact to general welfare and societal

An ideal Master's program for me would provide research opportunities focused on advancing software development practices, with a particular emphasis on the technologies I am passionate about: HTML, CSS, JavaScript, and Node.js. Research areas exploring innovative web development methodologies, front-end and back-end integration, and advancements in JavaScript frameworks align directly with my interests. A program that facilitates impactful research in these domains would significantly enrich my academic journey.

development, environmental sustainability, advances in healthcare, pharmacology and so on)

* 1. Favourite subtopics in your chosen field of study
     + Within the expansive field of software development, my passion lies in honing expertise in HTML, CSS, JavaScript, and Node.js. An ideal program would allow me to delve deep into advanced concepts within these technologies, such as optimizing front-end performance, exploring cutting-edge JavaScript frameworks, and mastering server-side development with Node.js. The opportunity to specialize in these areas would be a key feature that I seek in a Master's program.
  2. Skills you would like to develop by going beyond academics, for instance - communication, leadership, teamwork, etc

Beyond technical proficiency, I value a program that emphasizes the practical skills essential for excelling in the software development industry. Workshops, projects, and coursework that advance my proficiency in HTML, CSS, JavaScript, and Node.js, while also fostering collaboration and communication skills, are integral components I seek in an ideal program. Opportunities to work on real-world projects and contribute to open-source initiatives using these technologies would further enhance my skill set.

* 1. Additional support like career guidance, CV building, placements, field experience, industry exposure, etc
     + An ideal program would offer additional support by providing avenues for career guidance, CV building, and exposure to industry best practices in web development. Access to internships or placements that focus on projects involving HTML, CSS, JavaScript, and Node.js would be invaluable. Collaboration with industry professionals and the chance to contribute to relevant community projects align with my goals of gaining practical experience and making meaningful contributions to the field.
  2. How the chosen course will create a bridge between the past learnings and future career goals
     + The chosen Master's course should serve as a direct bridge between my proficiency in HTML, CSS, JavaScript, and Node.js, and my future career goals in software development. An ideal program would integrate advanced coursework, practical projects, and opportunities for industry collaboration that directly apply to web development. This alignment is crucial for ensuring that the skills and knowledge gained during the program seamlessly transition into my desired role as an adept and innovative software developer specializing in HTML, CSS, JavaScript, and Node.js upon graduation.

1. Why do you want to study in this particular university/college and why this particular country (US/UK/Canada/Australia)? Why are you a good fit for this university/college?
   1. Ranking of university and Accreditations
   2. Location of university
      * USA
   3. Faculty – Try mentioning a faculty member whose research interests or industry experience match yours
   4. Course modules
   5. Internships/Projects/Dissertation/Placement opportunities
   6. Research area of interest (if applicable)
   7. Extracurricular activities that the college is offering (student facilities, clubs)
   8. Buildings and facilities like libraries, computer labs, gyms in campus
   9. Support services for international students (like accommodation, travel, counselling, and so on)
   10. Scholarships and waivers
   11. Benefit of studying in the country (like why study in the UK, why Canada, or why Australia)
2. How do you plan to contribute to the university? 2-3 lines on your capability to add value to the university/campus. This can include everything from sports, to dance, to debates, to travelling, cycling, environmental sustainability, and education.
   * + Iam a state level badminton player

Additional points

1. Do you have a gap year anywhere in your previous education?
2. Are you switching your field of study? If so, what is the reason for this switch?
3. What is your expectation from the edited SOP? If you would like to specify any points to the editor or highlight any of your achievements that you would like mentioned in the SOP, please use the space below to do so.