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| **SOP Master’s in Internet of Things (IoT) / Intelligent Systems / Automation / Embedded AI** |

I am **S M Raisul Islam** from **Bangladesh**. Since my childhood, I have been very interested in technology. My passion began at home, where my elder brother and I spent many hours playing computer games and wondering how they worked. This curiosity slowly became a desire to understand how digital systems work. This lifelong interest led me to pursue a **Bachelor’s degree in Software Engineering at Zhengzhou University, Henan, China**.

From my very first semester, I was captivated by how software could transform complex ideas into practical solutions. I earned **94 in C Programming, 100 in Discrete Mathematics, and 96 in Calculus**, showing my strong skills in programming and mathematics. I also scored **82 in Data Structures & Algorithms, 91 in Computer Organisation & Architecture, and 85 in Embedded Systems**, which helped me understand modern computing. My **Graduation Project (95)** allowed me to apply these ideas in real projects, making me more passionate about building intelligent and useful systems.

My academic journey has been both good and challenging. I maintained a **GPA of 3.85/4.00 in my first semester**. Before university, I had a strong foundation in mathematics, scoring **175/200 in the Higher Secondary National Exam** in Bangladesh. However, the COVID-19 pandemic disrupted the usual learning environment. As classes shifted online, I had to return to my home country, and due to some family issues, I was unable to fully concentrate on my studies. Consequently, my academic performance temporarily declined. Later, I retook most of these courses, and although I scored around **90 in knowledge-based assessment**, the university’s grading system converted these to **60**, which affected my CGPA but not my actual understanding and mastery of the subjects. Nonetheless, I made a strong comeback during my **thesis project**, where I achieved a **perfect score**, reaffirming my dedication and capability to excel when given the right environment.

My interest in **Smart Automation/IoT** did not come from the classroom, but from experiments at home. I have a Cockatiel bird that I train and take care of. Sometimes, when I left home, it was hard to manage its food and care. This inspired me to create an **IoT-based system** to care for my bird remotely. Using sensors and microcontrollers, I could open the bird’s door, control food and water, and check its environment using my phone. I could even decide how much food or water to give with simple commands. This project showed me how technology can solve real-world problems in my own life and made me want to work in **Smart Automation and IoT**.

I have strong skills in **C/C++, Embedded Systems (ESP32, sensors, actuators, MQTT), Linux, FreeRTOS, AWS IoT, Network Security, and basic electronics ( Self-Study)**. Over the past two years, I have also been working as an **ICT Lecturer** at a high school in my country, where I guide students through real-world technology projects. This experience has not only enhanced my technical expertise but also deepened my passion for **teaching, research, and innovation** in the fields of **computer science and embedded systems**.

My research interests are in **IoT and AI**, especially **edge intelligence and smart automation systems**. I am interested in using **lightweight AI models** on small devices to make real-time decisions. This can be applied in smart homes, healthcare, and other intelligent systems.

I am very interested in **[University Name]** because of its focus on IoT, embedded intelligence, and AI. The research in **[specific lab or research group, if known]** matches my goals. Courses like **“Advanced Distributed Systems”** and **“Machine Learning at the Edge”** are very relevant to my interests.

The **Chinese Government Scholarship (CSC)** will let me fully focus on my studies and research without financial worry. It will also allow me to contribute to China’s growing innovation and technology.

In summary, my journey from a curious child to a software engineering graduate working on IoT projects has made me a passionate learner and problem solver. My technical skills, creativity, and resilience prepare me well for this Master’s program. I look forward to joining **[University Name]** and contributing to research and innovation in IoT and Smart Systems.

Thank you for considering my application.

**Warm regards,**  
**S M Raisul Islam**  
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