

I am feeling very grateful to write about myself as a candidate for a Master's Degree in Cyber Security at the esteemed – Saarland University. As a full-stack Developer with a strong academic background in Computer Science and Engineering, my interest in Cyber Security was already paved to some extent.

After obtaining a CGPA score of 9.4 and a score of 89.4% in my Secondary School and Senior School Certificate Examinations respectively, I graduated in 2023 with an honorable CGPA score of 8.8 with a BEng in Computer Science and Engineering from the Bangalore Dayananda Sagar College of Engineering associated with the Visvesvaraya Technological University. I am proud of having been part of that University because it's renowned for its prestigious alumni network, including N. R. Narayana Murthy, the founder of Infosys Limited, the second largest Indian IT Company, and leader in Information Technology. My education has been completed in the English language and I also appeared for the IELTS test with an Overall Band Score - 7.5. During my bachelor studies, I worked on a Bachelor Thesis project titled Traffic Management using IoT and Deep Learning techniques. **Since then, I am very delighted to work as a full-stack developer within Persistent Systems Limited where I am lucky enough to work on Back-end missions for the American Big Pharma company Johnson & Johnson.**

Initially, my keen interest in Cybersecurity stemmed from my bachelor thesis 'Traffic Management using IoT and Deep Learning Techniques' because this project required an understanding of network security and data integrity. When I delved into these topics I developed a continuous interest and my curiosity increased with my actual position because I have to provide secured applications to clients and I had to gain Cryptography and Security knowledge to prevent failures and cyber-attacks. I find this extremely fascinating because I consider it our new modern challenge: implement cyber-related solutions to counter cyberattacks and ensure high safety application standards. Then, I am very confident that your curriculum won't only provide me with theoretical content but also teach me how to implement technical mechanisms to strengthen web security and anticipate cyber risks. Your different modules are a step in this direction because what I need for my future career is practical experience. You're offering work placements and tutoring for classes that haven't yet graduated. Thus, it aligns perfectly with my educational and professional aspirations.

Saarland University has a large number of students – about 16,000 and a significant number of international students. There are many research projects and I have a keen interest in research projects at the University with the CISPA Helmholtz Centre which is the world's leading research center for cybersecurity. This research center focuses on cutting-edge foundational research and innovative application-oriented research in cybersecurity, privacy, and artificial intelligence. Dr. Adam Dziedzić's recent venue at the research center particularly resonated with me due to his interesting perspectives on advancing the robustness of Machine Learning models. His approach emphasizes enhancing data privacy and reducing security risks, which aligns with my own views on the future direction of Machine Learning development. Additionally, Saarbrücken is located in the Rhine basin, a popular area for Cybersecurity. The area hosts several specialized companies such as the Luxembourg House of Cybersecurity, and conferences like Besides that bring together Cybersecurity experts in Strasbourg. Personally, I have never been to Saarbrücken but I attended the virtual tour on your website, and I fell in love with this charming town because it offers all the necessary facilities for student fulfillment and happiness and Saarbrücken proximity at the border makes it an ideal place for openness and attractivity.

Over the last decade, we can observe that Germany has become one of the popular destinations for international student who wants to pursue their higher education from abroad. There are many reasons behind it. Many of the top-ranked universities are located in Germany. The country has a robust economy, high life quality, and an excellent education system. Germany is one of the best deliverables which is internationally recognized and primarily relies on research, thesis, and works-on training. Considering these reasons, I have concluded that Germany is the best choice for me.

I have talked with some alumni from your program who are currently either security software architects, security analysts, or penetration testers

I look forward to taking the lessons that I will learn from this Master's program and applying it to my future career. I would like to request you to accept my application and give me a chance to be a part of your institution.