

My name is **Ayush Shyam Sunder Ingle**, and I am applying to SRH Heidelberg for admission to the Master's program in Applied Computer Science. I completed my Bachelor of Technology in Computer Engineering from **Vishwakarma Institute of Technology, Pune, India**, where I scored an 8.6 CGPA (German Grade: 1.70). My decision to pursue this program stems from my deep interest in computer science and its potential to solve real-world problems.

During my undergraduate studies, I gained a solid foundation in various subjects such as Problem Solving and Programming, Data Structures using Python, Internet of Things, Theory of Computation, Engineering Design and Innovation, Compiler Design, Human-Computer Interaction, and Deep Learning. **I have actively participated in developing a mobile application for daily wage labor management titled "Mazoor Katta," published in Springer ICTCS 2022 (Scopus). Another project, "Comparative Analysis of Voice Powered Assistants," was published in IJRASET April 2023 Vol. 11 Issue. IV.**

In addition to my academic pursuits, I have completed several online courses, including AWS Essential Training for Developers, Cloud Computing Careers and Certifications: First Steps, AWS: Monitoring, Logging, and Remediation, and AWS: Deployment, Provisioning, and Automation, all organized by LinkedIn Learning. I also undertook an IELTS examination and scored an overall band score of 7.5 (CEFR - C1), with Listening - 8.5, Reading - 7.5, Speaking - 7.0, and Writing - 6.5. These experiences have equipped me with a diverse set of skills, both technical and soft, such as good communication, punctuality, critical thinking, and a growth mindset.

Why Applied Computer Science?

My motivation to study Applied Computer Science is deeply rooted in my experiences and the impact I wish to create. Growing up, I witnessed how technology can bridge gaps and bring about significant change. For instance, my involvement in developing "Mazoor Katta" was inspired by the plight of daily wage laborers in my community. This project aimed to streamline the process of finding work for these laborers, and seeing its positive impact reinforced my desire to use technology for social good. Additionally, modules like Deep Learning and Human-Computer Interaction during my undergraduate studies sparked my interest in further exploring these areas. The Master's program at SRH Heidelberg offers courses that will allow me to deepen my knowledge and skills in these fields, preparing me for a future where I can contribute meaningfully to the tech industry. **MORE MOTIVATIONAL POINTS ARE REQUIRED**

Why Germany and Why SRH Heidelberg?

Germany is renowned for its excellent educational system, characterized by high-quality education and research facilities. The practical and theoretical knowledge imparted by German universities is unparalleled. Germany's emphasis on quality, affordability, and relevance makes it an ideal destination for higher education. I am particularly drawn to SRH Heidelberg because of its interdisciplinary cooperation, regional and international collaborations, and a culture of open communication. The university's focus on research-led teaching and its vibrant academic community are inspiring. With over 3,400 students, SRH Heidelberg offers a dynamic and diverse learning environment. The university's location in Heidelberg, a city known for its rich history and picturesque landscapes, adds to its appeal. I look forward to exploring the city's cultural sites and engaging with companies in the region that value expertise in Applied Computer Science.

The Master's program in Applied Computer Science at SRH Heidelberg will provide me with the opportunity to work in various professional positions, such as Software Developer, Data Scientist, and IT Consultant. I aim to work in Germany, where the field of computer science is thriving. The program will equip me with the skills and knowledge needed to succeed in these roles and contribute to technological innovations. I am eager to deepen my understanding of operational programs and embark on a fulfilling career at the forefront of technological advancements.

In conclusion, my educational background, professional experiences, and strong desire to advance my expertise in Applied Computer Science make me a well-suited candidate for this program. I am eager to contribute my knowledge and skills to SRH Heidelberg and look forward to the opportunity to grow within this esteemed institution.

Thank you for considering my statement of purpose. I hope it will help me secure admission to your reputed college.