

Letter of Motivation

Introduction

My name is **Ganesh Ramesh, Sapani**, and I am very interested in joining the program **Master of Engineering in Information Technology – Artificial Intelligence** at **SRH Heidelberg**. The knowledge and experiences I have gained during previous studies, work, and in my further development meet the goals of the program which is why I would like to take advantage of your institution's highly trusted knowledge in artificial intelligence.

Academic, Professional, Technical Skills, Technical Certification, and Extra-curricular

I graduated from the **University of Mumbai** with the degree of a **Bachelor of Engineering in Computer Science and Engineering (Artificial Intelligence & Machine Learning)** with a **CGPI of 7.57 (German Grade: 2.4)**; my subjects were Engineering Mechanics, C Programming, Discrete Structures and Graph Theory, Microprocessor, Data Warehousing & Mining, and Machine Learning. Before this, I passed my **Class 12** from the Maharashtra State Board of Secondary and Higher Secondary Education and studied English, Geography, Physics, Chemistry, Mathematics & Statistics, Information Technology (SCI), Environment Education, and **Class 10** I completed my Indian certificate of secondary education, where I studied English, Mathematics, Science, Social Science, and Sanskrit. I gained practical exposure during my **internship** at **Woobblr Technologies Private Limited**, where I acquired skills in digital marketing, graphic design, and business development. Furthermore, I advanced my technical competencies through the **Google Cloud Computing Foundations** program, **Prepare Data for ML APIs on the Google Cloud Skill Badge**, **Set Up an App Dev Environment on the Google Cloud Skill Badge**, **Implement Load Balancing on Computer Engine Skill Badge**, and **Build a Secure Google Cloud Network Skill Badge**. My technical expertise is further strengthened through **projects** like **AI Hindi Poem Generator**, a pioneering initiative blending machine learning algorithms and natural language processing to craft poetic expressions in Hindi, and **Fine Food Industry Analysis**, which focused on accurately classifying mushrooms as edible or poisonous to safeguard consumers in the fine food industry, showcased at the **Project Exhibition Vision 2023**. Additionally, I contributed to **Student Engagement Analysis**, a project addressing the need for effective evaluation tools in digital learning environments, showcased at the **Vi-Sion Project Exhibition 2022**. Additionally, I enhanced my problem-solving and aptitude skills by completing the **Be Aptimistic Comprehensive - CRT** course and participating in the **MaTPo Aptitude Idol-2023** competition. I also attended a **webinar on GSOC** conducted by the Google Developer Student Club, which broadened my knowledge of open-source development. I have completed **certifications** such as "**Data Science Training**" from **Sonsvels Solution** and a **three-month offline training program on cloud computing** conducted by **Opine Group**. My active participation in hackathons, including the **AI Amplify Hackathon** organized by Finance and the **internal hackathon** at **Vishwaniketan's Institute**, demonstrates my enthusiasm for innovation and teamwork and Certificate of Publication for Manuscript of AI Hindi Generator Published in **Recent Trends in Programming Language** by **STM Journals and Consortium e-learning Network**. Furthermore, I passed the **IELTS** test, which shows my English language competency is at the **B2 level** and got an average result of **6.5 overall band score**. Also, I Completed **16 years** of Education in the **English Language**.

Why Master of Engineering in Information Technology Artificial Intelligence?

Artificial Intelligence is taken as the decisive front-runner of the forthcoming development, and this **Master of Engineering in Information Technology Artificial Intelligence** program at **SRH Heidelberg** is the way to fulfill my dreams. It presents an understanding of important and emerging areas of AI including deep learning, reinforcement learning, and explainable AI. Here, I see the major focus on skill-enabling practical applications of project-based tasks and practices for AI solutions development and deployment. As such, specific features of the program concerning state-of-the-art applications in different fields of activity, including healthcare, finance, or governmental institutions, meet my career objectives. It also enhances independence through research and innovation based on emerging problems in the world. This makes the font of knowledge expansive, ethical considerations, sustainability, and globalism complete the definition of education. Moreover, the skills that are driven through the curriculum include leadership skills, project management skills, and entrepreneurial skills within the competitiveness of the AI market. By the end of this course, I will be better placed to deliver on complex AI-related roles and be a positive force as industries integrate this technology.

Why Germany?

Most students plan their studies in **Germany** due to its excellence in the engineering and technology fields. This location presents a superior academic environment and excellent research facilities and conditions in the country. A good demonstration of solid Industry interaction in **Germany** aids in the delivery of practical learning. Since sustainability and innovation are at the heart of development, the German environment suits AI research and development the best. Besides, the affordability or the high quality of the education system also appeals to international students. Thirdly, liberal policies regarding the recruitment of expert talents in **Germany** make the nation a great ground where professionals can build a prosperous career after the completion of their studies.

Why SRH Heidelberg?

SRH Heidelberg known for encouraging innovation and research is my top choice university. Additionally, through the program's interdisciplinary nature, I feel that it caters to my academic preferences and planned career trajectory. That the program focuses on the training of AI engineers and exposes students to practical training and practical industry professionals makes it the best. For this reason, the facilities and resources of **SRH Heidelberg** are modern to provide excellent conditions for AI research among other institutions. To some extent, the orientation of the university as a student-oriented and personalized academic community guarantees a favorable climate. Finally, the university is located in Heidelberg, which is a multicultural environment famous for its young and active population of students and scholars.

Conclusion

Therefore, I am sure that studying **SRH Heidelberg's program** will offer the necessary conditions to reach all my academic and professional goals. I'm ready to join the young and friendly university community and am open to using this great opportunity to achieve meaningful progress in the sphere of **artificial intelligence**.

Thank you for considering my application.

Sincerely,

Ganesh Ramesh, Sapani