**STATEMENT OF PURPOSE**

# Dear Sir/Madam,

I am **Amit Pal Singh** an Indian citizen and I am truly enchanted from the depth of my heart that I have got a chance to present my Statement of Purpose. I am delighted to elucidate my goals, intentions, and motivations to apply for a student visa in a magnificent country Germany. I am pleased to share that I have gained acceptance to **Hochschule Schmalkalden - University of Applied Sciences for admission to the 4 semester Master of Science program in Applied Computer Science**.

For a smooth visa process, I have paid my university on-campus registration fee of **169.36 Euros**. I also prepared myself for English proficiency and appeared for the **IELTS** exam and scored **6.5(B-2) overall**. Thus, through this letter of motivation, I intend to request a German Study Permit that would allow me to attend my coveted course.

My passion for computers began at ten with my first desktop. I quickly mastered installing the operating system, which sparked a lifelong interest in technology. I pursued a **Degree of** **Bachelor of Technology in Computer Science and Engineering**, earning an AICET scholarship and graduating with a **7.2 CGPA** from the **Global Institutes of Management and Emerging Technologies** affiliated to **IK- Gujral Punjab Technical University** in 2020. My coursework in Data Structures, Data Mining, and Artificial Intelligence deepened my understanding of the field. A key project, an Apparel Store application, won best project and helped me land my first job as **a Database Administrator at Gemstones T&T.** Over two years, I gained extensive backend management experience, which led me to an internship in Full Stack Development (MERN stack). This opportunity transitioned me into my role as a **Software Associate at Bharat Softwares**.

My experiences in the software industry sparked a keen interest in the software development lifecycle, motivating me to pursue further studies in Germany, known for its excellence in technical education and research.

**FH Schmalkalden University of Applied Sciences** stands out to me for several reasons, particularly its module structure.

**Modules:-**

The modules include Agile Software Development, Computer Graphics 1, Computational Intelligence, Distributed Systems, IT Security, Mobile Systems, Service-oriented Networks, Signals & Systems, and Web Applications. Optional modules are IT-Security (advanced chapters), Distributed Systems Advanced Chapters, Semantic Technologies in Distributed Systems, Software Quality, and Text Mining Search. Additional optional modules include eBusiness, Human-Computer Interaction, Image Processing 1, Image Processing 2, and Media Production 1.

**Learning Outcomes:-**

* I will delve into Agile Software Development, where I will learn to manage and adapt software projects efficiently using agile methodologies. This will help me improve my project management skills and respond flexibly to changes.
* Computer Graphics will provide me with basic understanding in producing and controlling visual material, beneficial for developing attractive interfaces and visual aids.
* I will dive into advanced algorithms and techniques using Computational Intelligence to create systems that can learn and make decisions, improving my skills in creating intelligent and adaptable technologies.
* In Distributed Systems, I will learn how to create and oversee systems that function on numerous machines, readying me to develop scalable and robust applications.
* Learning about IT security will help me safeguard information systems against potential risks, a vital skill for maintaining the integrity and security of data in any technology I may encounter
* Mobile Systems will help me acquire the necessary skills to build mobile applications, enhancing my capability in developing user-friendly and practical mobile solutions.
* Learning about Service-oriented Networks will provide me with the knowledge needed to create and execute network services that can communicate effectively, ultimately aiding in the development of compatible systems.
* Studying Signals & Systems will give me a better understanding of processing and analyzing data from different sources, improving my ability to work with complicated data and communication systems.
* Additionally, I will gain knowledge in creating and implementing efficient web-based resolutions, which will provide me with the necessary abilities to build and oversee online platforms.
* Text Mining Search will equip me with methods for examining and retrieving valuable data from extensive text collections, which will be beneficial for managing and understanding textual data.

I researched computer science programs at various universities in Germany and found that the Master's program in Computer Science (MSc) at Hochschule Schmalkalden - University of Applied Sciences is well-suited to enhancing my knowledge in different areas of computer science. I have specifically chosen to pursue my program at this provider because the institution offers a unique blend of industry-relevant course frameworks and a robust hands-on curriculum. The university’s strong industry network and career development initiatives are testimony to its commitment to grooming students into the market–ready professionals empowered to take on global challenges. The university boasts well-qualified professors who provide strong career guidance. I am eager to gain extensive industry knowledge directly from these highly qualified professors. With its excellent global reputation, I am excited to join this institute as it seems to be the perfect academic platform for me.

I previously took other countries into my consideration but found **Germany** to be the perfect study destination for me. It has a long history and tradition of providing an excellent quality of education. I believe that the perfect destination for that is Germany owing to the country’s research infrastructure and advancement in digital technology. Considering the industry-oriented programs and the value of the degree it will be the right academic destination for me. It also has a diverse cultural atmosphere that proves favorable for foreign education. Moreover, its education system has well-equipped and updated course contents providing adequate practical and industry-based training to their students.  Germany is listed among the top five educational destinations, offering quality higher education along with practical knowledge.

After completing my degree, I aim to work as an IT Specialist at a top tech firm like **Amazon, Siemens, Infosys, IBM, or TCS,** contributing to innovative projects. Long-term, I aspire to start my own IT business. Studying in Germany will also allow me to learn German alongside English, boosting my marketability when I return to India to pursue my entrepreneurial dreams.

Financially, I am well-prepared to manage the expenses associated with my academic program. I have already blocked the required amount in a German Blocked Account, amounting to **€11,904 per year, or €992 per month,** with German Aion Bank. This will cover my semester contribution, living expenses, and incidental costs in Germany. I have attached the confirmation document for my blocked account along with the bank statement.

**I kindly request your assistance in processing my study permit and granting me the permission to study in Germany. This course will significantly boost my professional scope in India.**

Thank you for considering my application. I look forward to the opportunity to contribute to and benefit from Germany's esteemed academic environment.

**Sincerely,**

**Amit Pal Singh**