

Letter of Motivation

Kaushal Dahal

Email: kaushaldahal777@gmail.com

Bachelor of Technology in Computer Science and Engineering

Gandhi Institute of Technology and Management (GITAM), India

To the Summer@EPFL Selection Committee,

I am writing to express my strong motivation to participate in the **Summer@EPFL Internship Program 2025**. As a third-year undergraduate student in Computer Science and Engineering at Gandhi Institute of Technology and Management, India, I am deeply passionate about **Artificial Intelligence and Machine Learning**, and I aspire to explore advanced research environments where innovation meets impact — an ethos I strongly associate with EPFL.

Throughout my academic journey, I have built a solid foundation in programming, data structures, algorithms, and mathematics. I have been particularly fascinated by how intelligent systems can learn from data to make autonomous decisions. This curiosity led me to work on projects such as a **Smart Parking Lot System** integrating sensors, computer vision, and online payment modules, as well as an **LLM-based Document Processing System** using FastAPI, Pinecone, and Gemini LLM for unstructured data retrieval. These projects deepened my understanding of how applied AI can enhance real-world problem-solving.

EPFL's interdisciplinary approach and global reputation for cutting-edge AI research make it the ideal place for me to gain first-hand experience in innovative methodologies and computational thinking. I am especially excited by the possibility of contributing to ongoing projects under experienced mentors in the fields of **AI/ML, Natural Language Processing, and Computer Vision**. I believe this internship would refine my research orientation and provide the opportunity to interact with a diverse community of scholars who share the same enthusiasm for technology-driven innovation.

As an aspiring researcher, I see this internship not just as a learning opportunity, but as a platform to contribute meaningfully to the ongoing scientific dialogue at EPFL. I am confident that the technical knowledge, adaptability, and collaborative mindset I bring will allow me to make the most of this opportunity. Moreover, I hope to carry forward EPFL's spirit of excellence into my future academic and professional endeavors, particularly in the area of **AI-driven intelligent systems**.

Thank you very much for considering my application. I look forward to the possibility of joining EPFL this summer and contributing to its vibrant research environment.

Warm regards,

Kaushal Dahal

B.Tech, Computer Science and Engineering

Gandhi Institute of Technology and Management (GITAM), India

Email: kaushaldahal777@gmail.com