



IIT Mandi iHub & HCl Foundation
Technology in Harmony with Human Needs

**ADVERTISEMENT
FOR
COMPUTER VISION ENGINEER
AT
IIT MANDI IHUB AND HCl FOUNDATION
A Section – 8 Company
Location – IIT Mandi Campus**

About IIT Mandi iHub and HCl Foundation: About iHub: IIT Mandi iHub and HCl Foundation (iHub) is a section 8 company established under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). The focus area of IIT Mandi iHub is “**Human-Computer Interaction.**” The vision of the iHub is to be an internationally recognized hub that nurtures HCI research, enables technology translation for industry, and scales skill development. The four areas of IIT Mandi iHub are Research and Technology Development, Skill Development, Incubation & Acceleration, and Collaboration. For more information, visit www.ihubitmandi.in

Applications are invited for the position of Computer Vision Engineer

Positions: 02

Apply Here: <https://xt9iuvp9fqg.typeform.com/to/niXa4Y4D>

The Role

We are looking for a highly skilled and motivated Computer Vision Engineer to join our team. The ideal candidate will have extensive experience in image/video data collection, training of AI models for latest computer vision/ GenAI applications in various industrial contexts.

Responsibilities:

- Design and Development of DL/ML Neural Network Architectures.
- Prepare technical reports, documentation, and presentations.

Technical Skills:

- Proficiency in programming languages such as Python, R, or Java.
- Strong understanding of deep learning frameworks and proficiency in DL libraries, such as TensorFlow, PyTorch, Keras, and scikit-learn.
- Experience with data annotation, preprocessing and analysis tools (Pandas and NumPy etc.).
- Experience with transitioning algorithms to prototype and/or real-time systems demonstrations.
- Hands-on-Experience to run AI models on NVIDIA Jetson Orin.

Qualification:

Position	Qualification	Years of Experience
Computer Vision Engineer	Bachelor’s degree in computer science, electrical engineering, or any other related field with specialization in either of AI, Machine Learning, Computer Vision, and Image/Video Processing.	3 years to 5 years
	Master’s degree in computer science, electrical engineering, or any other related field with specialization in either of AI, Machine Learning, Computer Vision, and Image/Video Processing.	Minimum 3 Years

Desirable Experience:

- Proven experience as a Deep Learning Engineer, with a strong portfolio of projects in either of computer vision applications or GenAI applications.
- Hands on experience with latest deep learning frameworks, including CNNs, RNNs, GANs, Transformers, VAE, Hugging Face model, diffusion model, text generation models, text + vision models, image generation models, and distillation techniques.
- Experience in industrial applications such as textile fabric data, epigraphic data, facial expressions data, emotion data, OCR data, healthcare data.
- Experience with Model fine-tuning, Transfer Learning, Incremental Learning is a plus.
- Certification in various AI Online Courses

Remuneration:

INR 40,000/- to 60,000/- per month based on experience.

Terms/Instructions:

1. *Only shortlisted candidates will be contacted/informed through email/phone.*
2. *IIT Mandi iHub and HCl Foundation reserves the right to fill up the post, not to fill up the position or cancel the advertisement in whole or part without assigning any reason. The company also reserves the right to limit the number of candidates to be called for written tests/or interviews. The decision of the company in this regard will be final.*
3. *Documentary evidence of all educational and professional qualifications will be required to be produced when specified.*
4. *The company can verify the antecedents or documents submitted by a candidate before the appointment, at the time of appointment, or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then their services shall be terminated.*
5. *If it is found later that any information given in the application is incorrect/false, the candidature/ appointment is liable to be cancelled/terminated.*
6. ***The applications will be considered till the post is filled.***

Contact us: IIT Mandi iHub and HCl Foundation, IIT Mandi, North Campus, Kamand, District Mandi, Himachal Pradesh 175005

Email: hr@ihubiitmandi.in

Website: www.ihubiitmandi.in

Note: All applications should be routed through the application link provided for each position in the advertisement. Email us only in case of questions.

