



iHub Drishti Foundation (iHub Drishti) is a Section-8, Not-for-profit Company, promoted by and at the Indian Institute of Technology Jodhpur under a National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS) of the Government of India. iHub Drishti is a Technology Innovation Hub focused around “Computer Vision, Augmented Reality and Virtual Reality”.

iHub Drishti Foundation invite applications from Indian Nationals possessing an excellent academic background and relevant experience for the post of: *Software Developer (AI/ML) having Bachelor's Degree in any discipline or its equivalent with first division from a recognized University/Institute and possessing relevant proven experience in Python, Java, object-oriented programming, data structures, algorithms, profiling and optimization.*

Job Title: Software Developer (AI/ML)

Key Responsibilities:

- Design, code, experiment and implement machine learning/ Deep learning models and algorithms for several applications.
- Perform debugging, troubleshooting, modifications, and testing of software and solutions.
- Develop documentation, and collaborate in the development of technical procedures and user support guides.
- Collaborate with other developers, staff, and leadership to design solutions that solve problems.
- Build and improve tools for users to understand and analyze large-scale data.
- Possess competence as Machine Learning Engineer or similar role using Python.
- Deep knowledge in mathematical, probability, statistics and scientific computing using Python.
- Knowledge of various AI/ML Techniques related to NLP, Audio Processing & Computer vision.
- Understanding of data structures, data modelling and software architecture.
- Familiarity with machine learning frameworks (like Keras, PyTorch, OpenCV, TensorFlow) and libraries (like scikit-learn).

Essential Qualification and Knowledge with Expertise:

- Bachelor's Degree in any discipline or its equivalent with first division from a recognized University/Institute.
- Proven experience with Python, Java, or other object-oriented programming language.
- Hands-on experience and understanding of data structures, algorithms, profiling and optimization.
- Proven experience with one or more container-ecosystem (docker, Kubernetes).
- Experience in designing APIs (REST, GraphQL) and developing data pipelines using state-of-the-art tooling (ex. Airflow, dbt, Snowflake).
- Experience working in production software development with Python.



- Experience creating cross-team agreement on engineering solutions and architecture decisions.
- Strong understanding of cloud infrastructure with Amazon Web Services (AWS), including server less architecture (Lambda) and infrastructure-as-code (ex. Cloud Formation, Terraform, CDK).
- Knowledge of SQL and NoSQL databases, including relevant AWS tooling (Redshift, Aurora, DynamoDB, Glacier).
- Knowledge of Hadoop/ MapReduce, Spark, Kafka, ETL, Data-Lake.
- Passion for developing team-oriented solutions to complex engineering problems.
- Good debugging skills and analytical skills to understand, evaluate and provide solution for given complex scenarios.
- Attention to detail and commitment to delivering high-quality work.
- Excellent communication skills and the ability to work collaboratively within a multidisciplinary team.
- Strong leadership skills with a dedication to driving and achieving results and have good time management skills.

Compensation

- As per industry standards (Based on experiences, and negotiable) with annual performance linked incentives in addition
- Tenure: Initially 1 year (reviewable and renewable based on performance)
- Age: Preferably less than 35
- Location: Jodhpur

Information regarding the application process:

Applications will be accepted via (<https://tinyurl.com/ihubdrishtisdaiml>). Interested candidates may apply by sending their CV covering educational and professional qualifications in the relevant field along with work experience, last salary drawn, contact details, and references with necessary documentary evidence by filling above mentioned form. **Applications will be accepted until the position is filled.**

Additional information:

- (1) Applicants are advised to ensure, before applying, that they possess at least the minimum essential qualification and experience laid down for the post.
- (2) Eligibility of a candidate and satisfaction of any other short-listing criteria shall be considered as on the last date of the submission of the online application.
- (3) The qualification prescribed should have been obtained from recognized Universities/ Institutions.
- (4) In case of exceptional candidates, the iHub Drishti foundation reserves the right to relax qualifications and/or experience.
- (5) *Shortlisted candidates shall be called for the further recruitment process.*
- (6) *Decision of the board will be final for both Shortlisting and Selection process.*



- (7) iHub Drishti foundation reserves the right to fill or not to fill any or all of the advertised posts.
- (8) iHub Drishti Foundation reserves the right to fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason.
- (9) No hard copy application is to be submitted. No email application is to be submitted.
- (10) No correspondence will be entertained from the candidates in connection with the process of selection/interview.
- (11) Canvassing in any form will be a disqualification. Application which is incomplete, not in prescribed format, will be summarily rejected.
- (12) Application with insufficient information or without relevant supporting documents will not be considered for further processing. Applications without self-attested supporting documents will be summarily rejected.
- (13) Persons employed in Government/ Quasi-Government organizations should submit their applications through proper channels.
- (14) The appointed person shall have no claim of appointment / absorption in any companies, departments or centers of IIT Jodhpur.
- (15) The appointment of the applicant will be governed by the terms & conditions of the iHub Drishti Foundation, IIT Jodhpur in effect on time-to-time basis
- (16) Specific queries, if any, may be directed to the email: hr@ihub-drishti.ai.
- (17) iHub Drishti foundation may verify the antecedents or documents submitted by a person 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 a clandestine antecedents or background and has suppressed the said information, then his or her services shall be terminated.
- (18) Any dispute with regards to the selection/recruitment will be subject to Courts / Tribunals having jurisdiction at Jodhpur.

Officer In-charge
iHub Drishti Foundation
TIH on CV-ARVR, NM-ICPS
Indian Institute of Technology Jodhpur