iHub Drishti Foundation
Indian Institute of Technology Jodhpur
Project Recruitment
Project Engineer (Software Developer) / Project Associate
TIH/iHub Drishti/2022-23/Project Recruitment/09; Dated 11 August 2022
N.H. 62, Nagaur Road, Karwar, Jodhpur 342030, Rajasthan (India)
Website: https://ihub-drishti.ai/ *eMail:* hr@ihub-drishti.ai

iHub Drishti Foundation, Indian Institute of Technology, Jodhpur (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 focussed around "Computer Vision, Augmented Reality and Virtual Reality".

iHub Drishti Foundation, IIT Jodhpur invite applications from Indian Nationals for filling up the following temporary position in the Project titled:

<div align="center">

"HuB for Radiogenomics Research and Service"

</div>

Project Brief:

This project aims to create a searchable patient data portal. Data repository will contain various different types of patient data. The data will be accessed from a collaborative network of treating doctors/ workers, healthcare companies. Research will be carried out on novel AI and machine learning models to predict disease diagnosis and prognosis.

Position: Project Engineer (Software Developer) / Project Associate (*The position is purely temporary on contractual basis*)

No. of positions: 01

Job Description:

The responsibilities include applying the principles of Software Engineering for designing, development, maintenance, testing, and evaluation of computer software for the project along with all other components of the relevant hardware system. Gather user requirements, defining system functionality and writing code in various languages, like React JS, Native JS, Python, Java, R, GO, SWIFT, etc. or .NET programming languages (e.g. C++ or JScript.NET). Primarily the aim should be to ensure data collection, data organization, portal development, software products and related modifications that should meet the highest professional standards. Ability to work in a multi-disciplinary environment while creating a niche for your expertise. Problem solving and working in a collaborative manner. Thrive in a culture of mutual support, continuous learning and self-organization to meet project goals.

The Project Engineer (Software Developer) / Project Associate will be required to do the following:

- ✓ Monitor all technical and legal requirements.
- ✓ Data storage, data extraction from various file formats, data organization, creating a portal which houses completely searchable data.
- ✓ Execute full software development life cycle (SDLC).
- ✓ Develop flowcharts, layouts and documentation to identify requirements and solutions.
- ✓ Programming well-designed, testable, efficient code.
- ✓ Producing specifications and determine operational feasibility.

iHub Drishti Foundation
Indian Institute of Technology Jodhpur
Project Recruitment
Project Engineer (Software Developer) / Project Associate
TIH/iHub Drishti/2022-23/Project Recruitment/09; Dated 11 August 2022
N.H. 62, Nagaur Road, Karwar, Jodhpur 342030, Rajasthan (India)
Website: *https://ihub-drishti.ai/* *eMail:* hr@ihub-drishti.ai

- ✓ Work across teams to provide technical support the entire development process of the product.
- ✓ Prepare a training manual that can be used by application users. Improves operations by completing systems analysis work
- ✓ Providing relevant data through the collection, analysis, and summarizing of service and development issues.
- ✓ Produce specifications and determine operational feasibility. Integrate software components into a fully functional software system.
- ✓ Develop software verification plans and quality assurance procedures.
- ✓ Document and maintain software functionality. Troubleshoot, debug and upgrade existing systems.
- ✓ Deploy programs and evaluate user feedback. Comply with project plans and industry standards. Ensure software is updated with latest features.
- ✓ May be asked to participate in patient data collection from various hospitals and clinics across India.

Qualifications, Knowledge and Expertise

Essential:

- ✓ Bachelor's degree in engineering
- ✓ Master's degree in Computer Science
- ✓ Minimum 2 year of relevant experience
- ✓ Should have excellent analytical skills
- ✓ Should have experience creating and maintaining databases
- ✓ Pattern design and experience with cloud-based infrastructure like AWS
- ✓ Hands-on experience on multi-core CPU,GPU
- ✓ Proven work experience as a Software Engineer or Software Developer
- ✓ Ability to develop software in Python, Java or other programming languages

Desirable:

- ✓ Experience designing interactive applications
- ✓ Excellent knowledge of relational databases, SQL and ORM technologies (JPA2, Hibernate)
- ✓ Experience developing web applications using at least one popular web framework (JSF, Wicket, GWT, Spring MVC)
- ✓ Experience with test-driven development
- ✓ Proficiency in software engineering tools

Salary: **Commensurate to experience**

Job Location: **Based in Jodhpur with some travel to various locations in India.**

Application Deadline: **Applications will be accepted until the position is filled**

iHub Drishti Foundation
Indian Institute of Technology Jodhpur
Project Recruitment
Project Engineer (Software Developer) / Project Associate
TIH/iHub Drishti/2022-23/Project Recruitment/09; Dated 11 August 2022
N.H. 62, Nagaur Road, Karwar, Jodhpur 342030, Rajasthan (India)
Website: https://ihub-drishti.ai/ *eMail:* hr@ihub-drishti.ai

Information regarding the application process:

Applications will be accepted via (https://tinyurl.com/ihubdrishtiProjectrec9).Interested candidates may apply by *Uploading their updated Curriculum vitae covering educational and professional qualifications in the relevant field along with wet lab skill set, publications (if any), and contact information of two academic referees, work experience, last salary drawn, contact details, and references with necessary documentary evidences annexure. (PDF FORMAT)*

(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) In case of exceptional candidates, the iHub Drishti foundation reserves the right to relax qualifications and/orexperience.

(4) *Shortlisted candidates shall be called for the further recruitment process.*

(5) 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.

(6) No hard copy application is to be submitted. No email application is to be submitted.

(7) No TA/DA shall be paid to the candidates for attending the interview.

(8) No correspondence will be entertained from the candidates in connection with the process of selection/interview.

(9) Canvassing in any form will be a disqualification. Application which is incomplete, not in prescribed format, will be summarily rejected.

(10) 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.

(11) Persons employed in Government/ Quasi-Government organizations should submit their applications through proper channels.

(12) Specific queries, if any, may be directed to the e-mail: hr@ihub-drishti.ai.

(13) 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.

(14) Any dispute with regards to the selection/recruitment will be subject to Courts / Tribunals having jurisdiction at Jodhpur.