

Game Developer

TIH/iHub Drishti/2023-24/Recruitment/07; Dated: 18 August 2023

N.H. 62, Nagaur Road, Karwar, Jodhpur 342030, Rajasthan (India)

Website: <https://ihub-drishti.ai/> eMail: hr@ihub-drishti.ai

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: Game Developer having Bachelor's Degree in any discipline or its equivalent with first division from a recognized University/Institute and possessing relevant proven experience in game development.

Job Title: Game Developer

Key Responsibilities:

- Game Development: Design and develop video games from concept to completion, utilizing industry-standard game engines, programming languages, and development tools.
- Programming: Write clean, efficient, and well-documented code for game mechanics, systems, and features, ensuring a smooth and enjoyable player experience.
- Gameplay Mechanics: Implement gameplay mechanics, controls, and user interfaces that align with the game's vision and target audience.
- 3D Graphics and Animation: Collaborate with artists and designers to integrate 3D models, animations, and visual effects, bringing the game world and characters to life.
- AI and Logic: Create and fine-tune AI behaviors, pathfinding, and decision-making processes to challenge and entertain players.
- Multiplatform Development: Develop games for various platforms, including consoles, PCs, mobile devices, and emerging platforms, ensuring optimal performance and compatibility.
- Optimization: Identify performance bottlenecks and optimize code, assets, and rendering techniques to maintain smooth frame rates and efficient resource usage.
- Bug Fixing and Testing: Conduct thorough testing, identify bugs and glitches, and collaborate with quality assurance teams to ensure high-quality, bug-free gameplay experiences.
- Iteration and Feedback: Iterate on game features and mechanics based on user feedback and play testing results to enhance gameplay and user engagement.
- Version Control: Utilize version control systems (e.g., Git) for collaborative development and code management.
- Documentation: Document technical specifications, codebase, and development processes to facilitate effective collaboration and knowledge sharing.

Essential Qualification and Knowledge with Expertise:

- Bachelor's Degree in any discipline or its equivalent with first division from a recognized University/Institute.

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- Possessing relevant proven experience in game development.
- Having strong portfolio in demonstrating game development skills, showcasing involvement in designing and developing games.
- Proficiency in programming languages commonly used in game development, such as C++, C#, Python, or JavaScript.
- Experience with game engines such as Unity3D, Unreal Engine, or others, and a solid understanding of their capabilities and limitations.
- Understanding of game design principles, mechanics, and player psychology.
- Familiarity with 3D graphics, physics, and animation principles.
- Strong problem-solving skills and the ability to diagnose and resolve technical issues.
- Time management skills and the ability to meet project milestones and deadlines.
- Passion for gaming and a desire to stay current with industry trends and emerging technologies.
- Experience with multiplayer, networking, or mobile game development is a plus.
- 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/ihubdrishtigamedev>). 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.

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- (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