

**IITI DRISHTI CPS FOUNDATION  
(A Section 8 - Not for Profit Company)**

**Rolling Advertisement for the post of AI/ML Developer**

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2023/01

Date: 27April, 2023

IITI DRISHTI CPS Foundation (DRISHTI CPS) was established at IIT Indore as a Technology Innovation Hub (TIH) for System Simulation, Modeling, and Visualization under the aegis of the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). The hub is being supported by the Department of Science & Technology, Government of India. More details about the company are available at: <http://drishticps.iiti.ac.in/>

**Position: AI/ML Developer**

**Responsibilities:**

- Understand, design and develop AI/ML models to meet project requirements.
- Convert AI/ML models into APIs that other developers can use.
- Manage project infrastructure and the development of AI models and projects.
- Develop and maintain a deep understanding of the latest AI/ML research and techniques.
- Perform model selection, optimization, and evaluation to ensure that models meet business requirements and are accurate and reliable.
- Familiarity with AI and ML frameworks such as TensorFlow, PyTorch, Keras etc.
- Analysis on big data sets, data preparation, and feature engineering.
- Work on cloud computing platforms such as AWS, Azure or Google Cloud in concern with AI/ML approach.
- Develop and maintain documentation for AI/ML models and solutions.

**Essential Qualification:**

- Ph.D. in any of the following disciplines Electrical/Electronics & Communication/Computer Science/ or relevant engineering discipline with focus on Artificial Intelligence/Machine Learning (AI/ML) aspects.
- OR
- M.E. / MTech. in any of the following disciplines Electrical / Electronics & Communication / Computer Science or relevant engineering discipline with focus on Artificial Intelligence / Machine Learning (AI/ML) aspects and 4 years' experience in industry with applied AI/ML aspects.

**Experience/Expertise:**

- Solid understanding of common programming languages used in AI, such as Python, R, Java, C++. etc.
- Advanced knowledge of statistical and algorithmic models as well as of fundamental mathematical concepts, such as linear algebra and probability.
- Experience working with large data sets and writing efficient code capable of processing large data streams at speed.

- Experience with cloud environments like GCP, AWS or Azure utilizing their AI/ML models.
- Experience in deploying AI/ML models in cloud-based platforms such as AWS, Azure, or Google Cloud Platform.
- Ability to understand a problem statement and implement analytical solutions & techniques independently with independently/proactively/thought-leadership.
- Hands on experience in building and leading teams dealing with digital transformation: AI/ML, IoT, device engineering, cloud.
- Knowledge of cloud computing, fog computing and edge computing.
- Experience in machine learning, deep learning algorithms.

**Interested candidates may [click here](#) to submit the application.**

Only shortlisted candidates will be called for a written test/interaction/interview. Mere fulfillment of the eligibility criteria does not entitle an applicant to be shortlisted. All the applications will be thoroughly evaluated for suitability with the company's requirements. The company reserves the right to not fill up /cancel the post advertised without assigning any reason. The position is on a contract basis initially for one year. The contract may be extended based on the requirement of the company and the performance of the candidate.