



आईआईटीआई दृष्टि सीपीएस फाउंडेशन, भारतीय प्रौद्योगिकी संस्थान इन्दौर  
खंडवा रोड, सिमरोल, इन्दौर – 453 552, मध्य प्रदेश, भारत  
**IITI DRISHTI CPS Foundation, Indian Institute of Technology Indore**  
Khandwa Road, Simrol, Indore - 453 552, Madhya Pradesh, India

CIN: U73100MP2020NPL054322

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

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2026/20

Date: 29<sup>th</sup> April 2026

IITI DRISHTI CPS Foundation is a Technology Translation Research Park (TTRP) hosted at IIT Indore and supported by the Department of Science & Technology (DST), Government of India. The Foundation focuses on Digital Healthcare, Cyber-Physical Systems, system simulation and modelling, translational research, and commercialization of deep-tech innovations. The Foundation works closely with researchers, clinicians, hospitals, healthcare institutions, government bodies, and industry partners to translate technologies from early-stage research to large-scale deployment and commercialization. One of the flagship platforms developed in-house is CharakDT, a rapidly evolving Digital Health and Clinical Decision Support ecosystem <https://drishticps.iiti.ac.in/>.

**Profile Description: IoT Engineer (Multiple levels) at IITI DRISHTI CPS Foundation**

IITI DRISHTI CPS Foundation is looking for an IoT engineer who can drive the technological advancement of our digital healthcare products. Candidates should deeply understand IoT and how sensors, Artificial Intelligence (AI), and healthcare intersect. You will be responsible for designing, developing, and fabricating data collection mechanisms for various healthcare products at the center. If you are a professional with a passion for working with IoT and enjoy being on an innovative team at the forefront of cutting-edge technology, we encourage you to apply.

**Job Title: IoT Engineer**

**Job Location: IIT Indore**

**No. of Positions: 1**

**Key Responsibilities & Preferred Skills :**

- Design, code, and test sensors that enhance our products and transmit data for storing and analyzing.
- Support design and development of data collection pipelines
- Practical knowledge of cloud platforms, wireless transmission, and algorithm development.
- In-depth understanding of how different sensors work and transmit data.
- Knowledge of the basics of user experience (UX) and user interface (UI) design.
- Expertise in coding and programming languages, such as JavaScript, Python, and Swift.
- Commitment to product security, privacy, data protection, and retrieval knowledge.
- Strong written, communication, and analytical skills.
- Proficiency in programming languages such as C, Embedded C, C++, and Python.
- Familiarity with operating systems including Linux (Command Line Interface), Real-Time Operating Systems (RTOS), and Robot Operating Systems (ROS).



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- Experience with IoT protocols such as OPC UA, MQTT, Modbus (RTU/TCP), CoAP, and AMQP.
- Knowledge of controllers such as ARM, Atmel, Atmega, RPi, and STM32.
- Understanding of communication protocols including SPI, I2C, UART, RS232/RS485, CAN, GSM & GPS, and Wi-Fi.
- Familiarity with AWS services, particularly EC2 Instances.

**Essential Qualification:**

- Bachelors or Masters in relevant departments.

**Additional Requirements or Preferences:**

- Proposed Timeline for joining: Immediate / Within 30 days

**Compensation:** As per Industry Standards

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. In the case of selection, the role will be finalized by the selection panel and the decision will be binding. The position is contractual, full-time in nature and subject to periodic performance reviews.