



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

## Advertisement for a Full Stack Developer (Multiple levels) at Charak Center for Digital Healthcare.

The Charak Center for Digital Healthcare at IIT Indore is seeking a talented and motivated Full Stack Developer to join our dynamic team. The ideal candidate will be passionate about using their technical skills to contribute to healthcare innovations. As a Full Stack Developer, you will be responsible for developing and maintaining web applications that support our data-driven healthcare projects.

### ***Roles and Responsibilities :***

- Expertise in digitalization and digital twin technologies.
- Design, develop, and maintain robust and scalable web applications.
- Collaborate with data scientists, researchers, and healthcare professionals to integrate data-driven solutions into our platforms.
- Strong knowledge and expertise in Cyber-Physical Systems, Internet of Things (IoT), Artificial Intelligence (AI), Machine Learning (ML) and other upcoming technologies.
- Proficiency in data analysis and modeling techniques.
- Design and develop user interfaces (UIs) for monitoring and controlling physical systems remotely. This may involve creating web-based dashboards, mobile apps, or desktop applications.
- Build the backend infrastructure to support data processing, storage, and analysis for CPS applications. This includes designing databases, implementing APIs, and integrating with cloud services.
- Proven research experience with a track record of published papers in reputable journals or conferences.
- Proficiency in programming languages, simulation tools, and relevant software used in CPS research will be an add-on.
- Strong analytical and problem-solving skills to tackle complex challenges.

### ***Essential Qualification:***

- Bachelor's/Master's with relevant experience.
- Experience in the healthcare domain or with healthcare-related projects.
- Knowledge of AI/ML frameworks and tools.
- Familiarity with cloud services (e.g., AWS, Azure, Google Cloud).
- Understanding of DevOps practices and CI/CD pipelines.

### ***Duration:***

- 2 months probation, followed by 1 year contract with renewal based on performance.

### ***Emolument:***

- As per industry standards based on education qualification, experience, and performance in the interview.

### ***Application Last Date:***

- Rolling basis. Shortlisting will be done frequently as soon as enough applications are available.

### ***How to apply :***

- Interested candidates may apply here <https://forms.gle/1YWzwFKm1kHaRNKS9> .