INDIAN INSTITUTE OF TECHNOLOGY INDORE

Jaya Prakash Narayan National Centre of Excellence in the Humanities

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Advertisement for the Position of AI Developer (Contractual)

The Jaya Prakash Narayan National Centre of Excellence in the Humanities (JPN Centre), IIT Indore, invites applications from qualified and experienced candidates for **one position of AI Developer** on a contractual basis to support the Centre's research initiatives in Artificial Intelligence (AI), Digital Humanities, and multilingual research technologies.

1. Position Details

- **Position:** AI Developer
- **Number of Positions:** 01
- **Remuneration:** ₹65,000 per month
- **Nature of Appointment:** Purely contractual
- **Duration**: Six months, extendable up to one year

2. Key Responsibilities

- Design, develop, and maintain responsive websites, research portals, dashboards, and Digital Humanities platforms using React.js, JavaScript, HTML, and CSS.
- Integrate APIs, backend services, databases, interactive visualisations, and third-party tools into research applications.
- Explore, evaluate, and integrate AI models and Large Language Models (LLMs) for document analysis, information extraction, summarisation, and research automation.
- Evaluate multilingual translation models for Indian languages using terminology fidelity, semantic similarity, and other task-specific metrics.
- Develop AI-powered prototypes, prepare benchmarking frameworks and datasets, analyse model performance, and produce technical reports and research presentations.
- Support the development and maintenance of digital repositories, scholarly publishing platforms, and research infrastructure.

3. Essential Skills and Experience

Candidates should demonstrate proficiency in the following areas:

- **Web Development:** Advanced JavaScript (ES6+) and experience with React.js or comparable frameworks such as Vue or Svelte; responsive design using Bootstrap and/or Tailwind CSS.
- **AI and LLMs:** Understanding of transformer architectures, prompt engineering, LLM integration, open-source models, and AI application development.

- **Model Evaluation:** Experience or demonstrable capability in dataset preparation, model benchmarking, translation evaluation, terminology matching, semantic similarity, and performance analysis.
- **Digital Publishing:** Hands-on experience with Open Journal Systems (OJS), including familiarity with DOI assignment, Crossref integration, and ORCID linking.
- **Server Administration:** Working knowledge of Linux, Apache/Nginx configuration, and SSH.
- **Digital Humanities Infrastructure:** Familiarity with metadata standards, TEI, IIIF, digital repositories, and scholarly research workflows.
- **Programming and Research:** Working knowledge of Python, data analysis, experimentation, and technical documentation.

4. MEQ (Minimum educational qualification): BTech in Computer Science Engineering from a recognised institution with a good academic record

Desirable: Masters (MSc/ MTech/ME) in Computer Science or allied fields

5. Tenure and Remuneration

The appointment will be purely contractual. The selected candidate will receive a remuneration of **₹65,000 per month**. The tenure and other terms of engagement will be as specified by the Centre and IIT Indore.

6. Application Procedure

Interested candidates should email the following documents to **jpncentre@iiti.ac.in**:

- Updated CV
- Portfolio or links to relevant projects, if available
- Brief statement outlining relevant technical skills and experience

Email Subject: Application for AI Developer – [Candidate's Name]

Last Date for Submission: 30th November,2026

7. Selection Process

Applications will be screened based on the candidates' qualifications, technical expertise, and relevant experience. Shortlisted candidates will be invited for an interview. The final selection will be based on the candidate's suitability for the position and performance in the selection process.

For queries, please contact:

JPN National Centre of Excellence in the Humanities, IIT Indore
Email: jpncentre@iiti.ac.in | centre.administratorjpn@iiti.ac.in