

The logo for the Indian Institute for Human Settlements (iihs) is located in the top left corner. It consists of the lowercase letters "iihs" in a white, sans-serif font, with a registered trademark symbol (®) to the upper right. The text is set against a dark red rectangular background.

INDIAN INSTITUTE FOR
HUMAN SETTLEMENTS

JOB DESCRIPTION

External Consultant - Newsrack Developer

About Us

The Indian Institute for Human Settlements (IIHS) is a national education institution committed to the equitable, sustainable and efficient transformation of Indian settlements.

IIHS aims to establish an independently funded and managed national university of eminence for research and innovation focused on the challenges and opportunities of India's urban transition. The proposed IIHS University will be an institution of eminence that will host an integrated programme of quality campus-based education and research, training and lifelong learning for working professionals, distance and blended learning, as well as a whole array of practice and advisory services. The university will have a strong interdisciplinary orientation bringing together theory and praxis that is grounded in the South Asian context and also engages with and draws from knowledge across the globe.

For more information, please see <http://www.iihs.co.in>

Job Description

We are looking for an experienced software developer to update, improve and maintain an open source web application used by IIHS and many other organisations. If you are looking to contribute to open source on a flexible work schedule, this could be a great opportunity. This will be a contractual position, initially for the duration of two months. Depending on the progress and the requirements at that time, the contract may be extended for a longer period of time to take care of feature additions and enhancements to the platform.

The work involves understanding, fixing issues, upgrading and in the longer term, enhancing Newsrack, a service for automated news monitoring, collection, organisation and dissemination. Newsrack is implemented primarily in Java EE, and uses open source tools and libraries such as Tomcat, MySQL, Struts, Freemarker, Beaver (LALR Parser Generator), HTMLParser, Rome (RSS/Atom syndication tools), JFlex (A Fast Scanner (Lexical Analyzer) Generator for Java), OSCache, and DBPool. For more details, see the links <https://github.com/subbuss/newsrack> and <http://newsrack.in/>.

Activities and Tasks

Responsibilities would include, but not be limited to, the following:

- Building and running a local instance of Newsrack;
- Testing the feeds for various news sources and identifying the issues;
- Fixing the issues, thoroughly testing, and demonstrating a working codebase to other stakeholders. Also, pushing the code back into the open source repository maintaining the required quality standards and going through the code review process by the current maintainer;
- Regularly taking inputs from and giving updates to other team members.

Structure and Coordination

The External Consultant will be coordinating on these services and deliverables with the Lead – Word Lab and the Consultant - Urban Informatics Lab at IIHS and will be required to collaborate effectively with a diverse group of internal teams and external individuals/organisations.

Person Specification

- Bachelor’s degree and at least one year of experience developing Java EE applications;
- Knowledge of scripting languages like Perl or Python will be a plus;
- Prior experience in working on open source projects is a plus.

Location

This position is based in Bengaluru and may entail travel to other locations in India.

Diversity Policy

IIHS is an equal opportunity employer that encourages women, people with disabilities and those from economically and socially excluded communities with the requisite skills and qualifications to apply for positions.

To apply

If you are interested to explore this opportunity with us, please fill the online application form by clicking [here](#). (You can also click on the “Apply Now” button at the end of the Job Description displayed on the website).

Contact

Please write to us at hr@iihs.co.in if you need any clarifications while filling the online application form.



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