



EFEO
École française d'Extrême-Orient

Job Advertisement

Research Software Developer

100% | Contract / Fixed-Term

Position Details

Scope:	100%
Salary:	Commensurate with qualifications and experience.
Duration:	Initially appointed on a service contract; subsequently renewable fixed-term contracts (subject to project funding and performance).
Start date:	As soon as possible
Unit:	EFEO centre in Pondicherry, Pondicherry South India Office of the project Hindu Temple Legends in South India

About the Project

The project *Hindu Temple Legends in South India*, a cooperation between the Heidelberg Academy of Sciences and Humanities and the École française d'Extrême-Orient (EFEO), is seeking to appoint a **Research Software Developer** as part of the project team based at the EFEO Centre in Pondicherry, India.

The long-term research project *Hindu Temple Legends in South India* is dedicated to producing digital editions and English translations of the Sanskrit and Tamil *māhātmyas* and *sthalapurāṇas* relating to Kanchipuram. The project brings together two teams based in Heidelberg, Germany, and Pondicherry, India.

The successful candidate will contribute to the development and maintenance of the project's digital research infrastructure and work closely with scholars and technical staff in an interdisciplinary environment.

Responsibilities

- Development and maintenance of web applications using eXist-db
- Modelling, processing, and transformation of TEI-XML data
- Design and implementation of REST interfaces
- Web development with Python (Flask), Bootstrap, and jQuery following current web standards (HTML5, CSS)
- Development of transformation pipelines using XSLT and XQuery

CENTRE DE PONDICHÉRY

P.O. Box 151, 16 & 19, Dumas Street, Pondicherry 605001, India

Tel: 91-413-2332504/ 2334539/ 2225689, Email: administration@efeo-pondicherry.org
<https://www.efeo.fr/base.php?code=23>, <https://www.efeo.fr/blogs.php?bid=14&l=FR>



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- Scripting and automation with Python and Bash
- Integration with Linked Open Data infrastructures
- Documentation of code and development decisions to academic standards
- Close collaboration with the project team in a collaborative development environment

Requirements

Essential

- Completed university degree (Bachelor's or equivalent) in Computer Science, Digital Humanities, Computational Linguistics, or a related field

Solid knowledge of and experience with the following technologies and methodologies:

- eXist-db (native XML web application development)
- TEI-XML (modelling and encoding of humanities texts)
- Python (especially Flask), JavaScript, XQuery, XSLT, and Bash
- Web development with Bootstrap, jQuery, HTML5, and CSS
- Development and implementation of REST APIs/interfaces
 - Experience with software documentation, structured code management, and version control systems (e.g. Git)
 - Strong communication skills and experience working in collaborative development environments and interdisciplinary teams
 - Understanding of Linked Open Data (LOD) principles and Semantic Web technologies

Desirable

- Experience with the Oxygen XML Editor and the development of Oxygen frameworks
- Knowledge of South Indian languages and/or scripts, such as Tamil or Grantha
- Experience with Linux server administration, including deployment, configuration, and security
- Experience developing XML-based web applications and digital scholarly resources in a research environment
- Interest in contributing to the long-term development and maintenance of the project's digital infrastructure

Additional Information

- The project is seeking a candidate with expertise in XML technologies and web application development who is interested in long-term collaboration. Subject to project funding, performance, and institutional requirements, there may be opportunities for renewal beyond the initial contract period.

What We Offer

- A varied role at the intersection of humanities research and software engineering
- Participation in an international, interdisciplinary research project

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- A collegial and supportive working environment
- Opportunity to contribute to internationally recognised digital humanities research

How to Apply

Please send the following documents as a single PDF to administration@efeo-pondicherry.org by 15 July 2026.

- Cover letter (max. 2 pages) addressing the requirements profile
- Curriculum vitae
- Relevant degree certificates and transcripts
- If available: links to code samples (e.g. GitHub/GitLab) or descriptions of relevant projects

For questions about the project and the position, please contact:

Prerana Patel or the EFEO administration email (administrative enquiries): administration@efeo-pondicherry.org

Equal Opportunities

We welcome applications from all genders. Applications from women are particularly encouraged. Candidates with disabilities will be given preferential consideration in cases of equal qualification.

We are committed to fostering an inclusive and diverse research environment.

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