

Position: Research Associate (Developer), Scaling City Institutions for India: Water and Sanitation (SCI-FI)

About the Scaling City Institutions for India

The Scaling City Institutions for India (SCI-FI) programme aims to better understand the ‘governance scale’ in Indian cities in tandem with ‘sector-specific socioeconomic scales’. Through research, the programme aims to inform stakeholders, including the three tiers of the government, to develop better-informed policies and programmes enabling improved governance and service delivery. It has two key thematic foci in areas of Land, Housing and Planning, and Water and Sanitation. The SCI-FI programme is nested at the Centre for Policy Research (CPR) since 2013.

The Land, Planning and Housing (LPH) initiative under the SCI-FI programme aims to deepen the understanding of the interrelated governance and sector-specific challenges in the land, planning and housing in urban areas in India. The SCI-FI: LPH initiative envisages informing multiple stakeholders, including the three tiers of the government, on demand-driven, sustainable, alternative, and scalable models for delivering and operationalising housing, basic services, and property rights for the urban poor.

The Water and Sanitation initiative under the SCI-FI programme seeks to understand diverse reasons for poor water and sanitation and to examine how these might be related to technology, service delivery models, questions of institutions, governance, finance, and socioeconomic dimensions. The SCI-FI: Water and Sanitation initiative seeks to support national, state, and city authorities to develop policies and programmes for intervention with the goal of increasing access to safe and sustainable sanitation in both urban and rural areas.

Description of Work

We are looking to hire a full-time Research Associate (Developer) – initially for a year on a contract basis with the possibility of extension. This position is based in Delhi, with potential travel to project locations and research sites. The Research Associate will support SCI-FI’s projects related to GovTech by undertaking the development of open-source tools aimed at improving public programme implementation and service delivery.

Roles and Responsibilities

- Developing data-centred analytics systems and software (using geospatial data at the backend) to support planning, implementation, and monitoring of public programmes and service delivery
- Reviewing best practices, policies, programmes related to open-source tools and ecosystems to inform the development of the systems and tools
- Providing coordinating and organising support for internal and external engagements like consultation meetings, seminars, workshops, etc.
- Supporting senior researchers at SCI-FI with the overall delivery of projects

Qualifications and Skills

- University Degree in Computer Science, Information Technology, or allied fields
- 0-3 years of relevant work experience (including internships and coursework projects) demonstrating at least basic-level proficiency in computer programming language(s) and scripting
- Familiarity with frontend development and web hosting
- Skilled at liaising, writing and communication

Selection Criteria

We are committed to promoting diversity and equality of opportunity for qualified candidates regardless of gender, religion, and socioeconomic background. If you are a committed and creative professional passionate about leveraging novel technologies and digital tools for making India's cities, towns, and villages clean and healthy, we look forward to receiving your application.

How to Apply

Kindly send an email with your updated CV, a one-page cover letter (explaining how you meet the abovementioned qualifications and your motivations to apply for this job), and a portfolio of your work to **sci-fi@cprindia.org** by **September 17, 2021, with the subject line "RA Developer [Your Name]"**. We will only contact shortlisted candidates for further consideration. Salary will be commensurate with experience and qualification and will not be a constraint for the qualified candidate.