

# JOIN OUR YOUNG HIGH IMPACT TEAM

*People with Purpose, Powering Change* —————

## POSITION: GIS SPECIALIST

Theme: **Climate Action**  
Location: **Raipur (Chhattisgarh)**  
Joining Date: **Immediate**

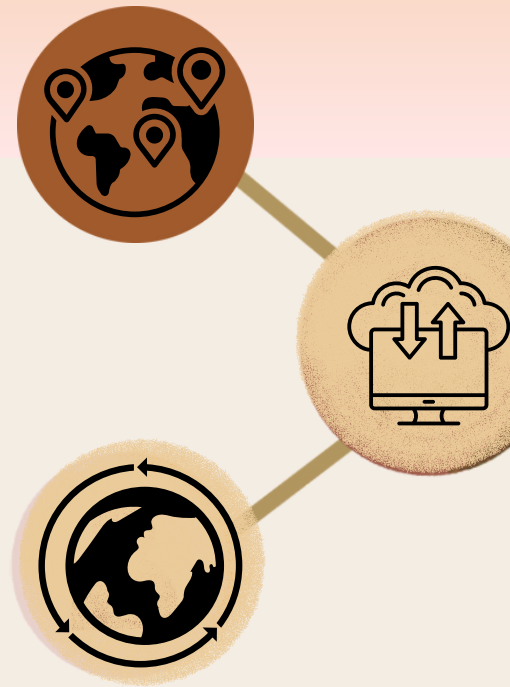
### About the Role

We are looking for a highly skilled and motivated GIS Specialist to support our efforts in applying geospatial intelligence for planning, analysis, and decision-making. This role is essential for advancing data-led solutions in integrated rural development, landscape restoration, and resilience-building initiatives.

As a GIS Specialist, you will work closely with internal teams and government partners to enable high-impact outcomes using tools such as crop health monitoring, flood and drought assessment, and soil moisture analysis.

### Responsibilities

- **Data Management:** Collecting, organizing, and maintaining geographic data within databases.
- **Climate vulnerability assessment tools and geospatial analysis programs like -** Crop health monitoring, flood and drought monitoring and soil moisture analysis.
- **Spatial Analysis:** Analyzing spatial relationships, patterns, and trends using GIS software.
- **Mapping & Visualization:** Creating maps, charts, and other visualizations to represent spatial data.
- **Database Development:** Developing and maintaining structured databases for spatial data.
- **Software and Tools:** Utilizing GIS software (like ArcGIS, QGIS) and other tools for data analysis and mapping.



- Collaboration: Working with other professionals and stakeholders to incorporate and present information.
- Problem-Solving: Applying geospatial expertise to solve real-world problems.

### Typical Tasks:

- Data Collection and Verification: Gathering geographic information from various sources (satellite imagery, surveys, etc.) and ensuring its accuracy.
- Map Creation: Designing and producing maps for different purposes, including public display or publication.
- Database Maintenance: Ensuring the accuracy, completeness, and integrity of geospatial databases.
- Report Generation: Creating reports using GIS and other relevant data sources.
- Custom Tool Development: Developing custom tools or scripts to enhance GIS functionality.

## Qualifications & Experiences

- Master's degree in Geography, Environmental Science, or a related field
- Minimum 6 years of relevant work experience, preferably in the development sector
- Proficiency in GIS software such as ArcGIS and QGIS, and basic scripting skills (e.g., Python, R)
- Familiarity with remote sensing techniques and satellite imagery interpretation
- Experience in developing and managing geospatial databases
- Strong communication skills – both verbal and written
- Proficiency in tools such as MS Office, Excel, Google Workspace, and reporting platforms

## Knowledge/Skills

- Strong understanding of spatial data management and geo-statistics Experience with climate risk mapping and geospatial impact assessments
- Ability to visualize complex spatial data for technical and non-technical audiences
- Experience working with diverse teams including government partners and field teams
- Attention to detail, a problem-solving mindset, and the ability to work independently

## How to Apply

If you are a GIS professional meeting the eligibility criteria and looking to contribute to data-driven solutions, we would love to hear from you. TRI matches compensation competitively in the sector to draw the best talent. To apply, kindly visit <https://www.trif.in/careers/>. Initially the duration for this position is 1 year, with possible extension. The deadline for submission of the application is 31 July 2025. Since selection decisions will be made on a rolling basis, interested candidates are encouraged to apply at the earliest. Only shortlisted candidates will be contacted and invited for the next steps.

We encourage women candidates to apply.

**Join us in leveraging geospatial intelligence to power data-driven rural development!**