

## Job Description: GIS Data Manager – Remote, U.S. Based

**Position:** GIS Data Manager

**Type:** Contract (Remote)

**Company:** Geosolv

**Location:** Remote (U.S.-Based Candidates Only)

### About Geosolv

Geosolv is a data capture and modeling company specializing in fiber network design. We leverage advanced GIS-based solutions to optimize network planning and infrastructure projects. As we expand, we are seeking a **GIS Data Manager** to oversee the organization, integrity, and optimization of geospatial data for our fiber network projects.

### Position Overview

The **GIS Data Manager** will be responsible for managing spatial datasets, ensuring data quality, and integrating GIS workflows into fiber network planning and design processes. This role requires expertise in **GIS software, database management, and spatial data analysis**, with a focus on telecom and fiber infrastructure.

### Key Responsibilities

- **Data Management:** Maintain, update, and organize GIS datasets related to fiber network infrastructure.
- **Quality Control:** Ensure accuracy, consistency, and completeness of GIS data used in network design.
- **GIS Analysis:** Conduct spatial analysis, data validation, and reporting for fiber design and engineering teams.
- **Integration & Automation:** Develop workflows for data integration between GIS tools (e.g., ArcGIS, Vetro FiberMap) and project management systems.
- **Collaboration:** Work closely with fiber designers, engineers, and project managers to align GIS data with project requirements.
- **Mapping & Visualization:** Create high-quality maps, dashboards, and visualizations for internal and client use.
- **Data Governance:** Establish and enforce standards for data entry, formatting, and storage.

### ***Required Qualifications***

- ✓ **5+ years of GIS experience in telecom, fiber, or utility industries**
- ✓ **Expertise in GIS software such as ArcGIS, QGIS, and Vetro FiberMap**
- ✓ **Experience managing large geospatial databases (PostGIS, SQL, or similar)**
- ✓ **Understanding of fiber network design and permitting requirements**
- ✓ **Proficiency in Python, SQL, or ModelBuilder for GIS automation**
- ✓ **Strong problem-solving and analytical skills**
- ✓ **Ability to work independently in a remote environment**

### ***Preferred Qualifications***

- ★ **Experience integrating GIS with project management or CAD tools**
- ★ **Familiarity with fiber network architecture (FTTx, GPON, FlexNAP, etc.)**
- ★ **Experience with ArcGIS Online, Portal for ArcGIS, or other cloud GIS platforms**
- ★ **Knowledge of REST APIs for GIS data exchange**

### ***Contract Details***

- ✚ **Remote position (U.S.-Based Candidates Only)**
- ✚ **Contract role (Hourly or Project-Based)**
- ✚ **Competitive pay based on experience**

✉ **Interested candidates can apply by sending their resume and relevant experience to [careers@geosolv.io](mailto:careers@geosolv.io).**