



Job Description: GIS Specialist/Data Manager

Job Type: Full-Time

About

NEKCV is a community-driven organization whose mission is to ensure high-speed broadband internet service is available to the most rural and underserved communities in the Northeast Kingdom and the Central Valley. Founded in 2020 as a Communications Union District, we began network construction in 2021. We're a small company of fewer than 20 employees, which means there's lots of room for growth and learning. Here at NEKCV, we're committed to creating an inclusive culture where all employees feel welcomed and valued. As we continue to grow, we are seeking a detail-oriented and experienced GIS Specialist/Data Manager to support our organization's geospatial and data management needs.

Summary

The ideal candidate will be responsible for collecting, analyzing, managing, and visualizing geographic and tabular data to support decision-making and operational efficiency. This role requires strong GIS expertise, database management skills, and the ability to collaborate across departments to provide data-driven insights.

Key Responsibilities:

GIS & Spatial Data Management

- Develop, maintain, and update GIS databases, ensuring data accuracy and integrity.
- Collect, process, and analyze spatial and non-spatial data using GIS software such as ArcGIS or other industry tools.
- Create high-quality maps, visualizations, and reports to support decision-making.
- Develop and implement geospatial models and workflows for data analysis and automation.
- Integrate GIS data with other software applications, including databases and web-based mapping platforms.

Data Management & Analysis

- Maintain and organize large datasets, ensuring efficient storage, retrieval, and security.
- Develop and enforce data standards, quality control measures, and metadata documentation.
- Utilize SQL and database management tools to manipulate and analyze spatial and non-spatial datasets.

- Support data integration and interoperability between GIS and other enterprise systems (e.g., asset management, business intelligence tools).
- Generate reports, dashboards, and visual analytics to communicate data insights effectively.
- Ensure data integrity and compliance with organizational policies, industry standards, and regulatory requirements.

Collaboration & Support

- Work with internal teams and external stakeholders to support geospatial data needs.
- Provide GIS technical support, and documentation for team members.
- Stay up to date with emerging GIS technologies, best practices, and industry trends.

Qualifications & Skills

- Bachelor's degree in Geography, GIS, Computer Science, Data Science, or a related field.
- Proficiency in GIS software such as ArcGIS Pro, ArcGIS Online, QGIS, or similar platforms.
- Experience with database management (SQL, PostgreSQL, or similar).
- Strong data visualization and cartographic skills.
- Experience with scripting languages (Python, R, or SQL) for data automation and analysis.
- Ability to work independently and collaboratively on multiple projects.
- Strong problem-solving and analytical skills.

BENEFITS, HOURS, AND COMPENSATION

- Benefits are competitive, including 100% health insurance for the employee and up to 75% for the family; 30 days of combined time off; dental, vision, short and long-term disability, life insurance, and up to 3% retirement match.
- The position is full-time.
- Salary range is \$60,000 to \$70,000 depending on experience.

TO APPLY Send a resume and cover letter to careers@nekbroadband.org