

SUMMARY

GIS Analyst with 5 years of experience building spatial data, maps and dashboards for a regional water utility and a civil engineering firm. Works daily in ArcGIS Pro, ArcGIS Online and Survey123, and automates edits and reports with Python and SQL. Known for attention to detail in data QA/QC and clear updates to field crews and engineers.

SKILLS

- | | | |
|-----------------|-------------|-----------------------|
| • ArcGIS Pro | • Survey123 | • Excel |
| • ArcGIS Online | • AutoCAD | • Attention to Detail |
| • Python | • ArcMap | |
| • SQL | • QGIS | |

EXPERIENCE

GIS Analyst	03/2023 - Present
Front Range Water Authority	Denver, CO

Regional water and wastewater utility serving 410,000 customers across 6 cities.

- Maintain the utility geodatabase of **2,800** miles of water main in ArcGIS Pro, posting 300+ as-built edits each month.
- Build ArcGIS Online dashboards for main breaks and valve exercising that 6 operations supervisors review every morning.
- Automate weekly attribute checks with Python and SQL, cutting data errors found in internal audits by 40%.
- Design Survey123 forms for hydrant inspections, replacing paper for 45 field staff and 9,000 inspections a year.

GIS Technician	06/2021 - 02/2023
Mesa Ridge Engineering	Lakewood, CO

Civil engineering firm serving municipal water, storm and transportation clients.

- Converted 1,200 AutoCAD drawings of storm sewer lines into GIS feature classes for 3 municipal clients.
- Produced 150+ exhibit maps for planning, design and construction submittals without missing a permit deadline.
- Georeferenced historic plat scans in ArcMap and QGIS to locate easements along a 14-mile pipeline route.
- Logged survey control checks in Excel and confirmed coordinate systems before each deliverable left the office.

EDUCATION

Bachelor of Arts	05/2021
University of Colorado Boulder	Boulder, CO
Geography, GIS Concentration	

CERTIFICATES

Esri Technical Certification: ArcGIS Pro Associate
Esri
09/2022