

Dominic Dillon

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SUMMARY

GIS leader with nine years of full time geospatial experience supporting municipal utilities, **development services**, public safety, emergency management, and enterprise data programs. Leads ArcGIS Enterprise and **ArcGIS Online administration**, staff supervision, spatial data stewardship, system maintenance, **application integration**, and cross functional project delivery. Manages patches, configurations, backups, recovery testing, access governance, operating environments, and vendor coordination across servers, desktops, and mobile devices. Builds practical SOPs, technical specifications, training, maps, databases, dashboards, and GIS applications that help departments access reliable spatial information. Supports CityWorks, Tyler, Trimble, ESRI, Power BI, Python, JavaScript, HTML, public records workflows, addressing, **as built records**, and field verification. Holds a valid Texas driver's license and NIMS ICS training, with a record of independent troubleshooting, staff development, stakeholder communication, and dependable municipal service delivery.

EXPERIENCE

GIS Manager

February 2023 - Present

North Texas Geospatial Solutions

McKinney, TX

Direct enterprise GIS services for municipal utilities, planning, emergency preparedness, and public safety users. Lead analysts and technicians, manage platform administration, guide integrations, establish governance, and deliver cross functional applications, training, and operational improvements.

- Directed utility and **public safety** GIS priorities, aligning analyst work with dependable department service delivery.
- Administered **ArcGIS Enterprise** and **ArcGIS Online** patches, configurations, backups, and account governance with IT partners.
- Connected ESRI services with CityWorks, Tyler, Trimble, and reporting workflows across operational teams.
- Established SOPs for access, retention, destruction, as built records, and public records response workflows.
- Coached analysts through work planning, technical reviews, evaluations, and targeted **professional development** activities.
- Delivered **maps, databases, dashboards**, and training after assessing spatial needs across municipal departments.

Senior GIS Analyst

June 2020 - January 2023

Trinity Mapping Collaborative

Plano, TX

Managed local government GIS datasets, applications, and delivery cycles covering utilities, development, addressing, and public safety. Configured enterprise services, built scripting solutions, prepared decision ready products, investigated system issues, and coached junior staff.

- Managed utility, development, **addressing**, and **public safety** datasets through recurring quality controlled update cycles.
- Configured **ArcGIS Enterprise** services and ArcGIS Online content, then documented tested recovery procedures.
- Built Python scripts and JavaScript or HTML components for repeatable web mapping delivery workflows.
- Designed maps, databases, **spreadsheets**, graphs, and **Power BI** dashboards for operational decision makers.
- Investigated ESRI and **Trimble** synchronization issues, documenting evidence for vendor escalation and resolution.
- Coached junior GIS staff on metadata, field collection, quality control, and publishing practices.

GIS Analyst

August 2018 - May 2020

Prairie Municipal Technology

Denton, TX

Maintained municipal infrastructure, parcel, addressing, and service operation data across enterprise, desktop, and mobile GIS environments. Supported updates, **field verification**, as built processing, scripted validation, public information workflows, and governed publishing.

- Maintained infrastructure, parcel, addressing, and service layers through documented publishing quality checks.
- Supported **ArcGIS Enterprise**, desktop GIS, and mobile field workflows during coordinated software **updates**.
- Processed Trimble field data and **as built records** into governed GIS datasets for release.
- Developed **Python** utilities for repeatable geoprocessing and validation, helping analysts troubleshoot recurring workflows.
- Prepared **mapping** and data responses for municipal staff under access and retention requirements.
- Verified sites across uneven terrain, recording location evidence that resolved mapping discrepancies.

GIS Technician

October 2017 - July 2018

Red River Spatial Services

Fort Worth, TX

Created and edited utility and land information features under analyst supervision. Produced maps, spreadsheets, database extracts, and field data updates while building practical knowledge of networked GIS environments, addressing, metadata, and municipal workflows.

- Created utility and land features under established schemas and quality control procedures.
- Produced **ESRI** maps, spreadsheets, and database extracts for project teams and client review.
- Transferred Trimble field observations into GIS datasets, flagging incomplete or inconsistent records.
- Maintained metadata and processing notes, improving traceability across recurring project updates.
- Used **Excel**, Word, and **Outlook** to track assignments and communicate data questions.

- Built foundational knowledge of networked GIS, addressing practices, and municipal data workflows through supervised assignments.

PROJECTS

Municipal Enterprise GIS Integration 📅 2024

Connected ESRI services with CityWorks, Tyler, and Trimble workflows, improving shared access to operational spatial data and supporting consistent delivery across municipal teams.

Spatial Data Governance Program 📅 2023

Established practical rules for access, storage, retention, destruction, backups, as built records, and public records response handling.

LEADERSHIP & AWARDS

- Selected for GIS leadership responsibilities after progressing from technician through analyst and senior analyst roles.
- Recognized by municipal project teams for dependable maps, dashboards, troubleshooting, and authoritative spatial data delivery.
- Entrusted with staff development, performance reviews, vendor coordination, and cross functional GIS project leadership.

EDUCATION

Bachelor's Degree in Geographic Information Science

2017

Texas State University GPA: 4.0

San Marcos, TX

Coursework: GIS analysis, cartography, spatial databases, remote sensing

CERTIFICATIONS

- NIMS ICS 100 📅 2024
- NIMS ICS 200 📅 2024
- Valid Texas Driver's License 📅 2024

TECHNICAL SKILLS

- **ESRI GIS Platforms:** ArcGIS Enterprise, ArcGIS Online, ArcGIS Pro
- **Municipal Systems:** CityWorks, Tyler, Trimble
- **Programming Languages:** Python, JavaScript, HTML
- **Microsoft Office:** Excel, Word, Outlook
- **Business Intelligence:** Power BI, dashboards, graphs
- **Data Management:** Spatial databases, metadata, data validation
- **GIS Governance:** Access controls, retention, destruction
- **Backup Administration:** Scheduled backups, recovery testing, backup monitoring
- **Operating Systems:** Server systems, desktop systems, mobile devices
- **Network Design:** Network concepts, system connectivity, implementation support
- **Cartography Products:** Maps, databases, spreadsheets
- **Field Data Collection:** Trimble equipment, mobile workflows, site verification
- **Process Documentation:** SOPs, technical specifications, process engineering
- **Incident Management:** NIMS ICS 100, NIMS ICS 200, Incident Command System
- **Records Administration:** As built records, public records requests, data retention

SKILLS

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|---------------------|-------------------|---------------------|----------------------|
| • GIS leadership | • Data governance | • Power BI | • Addressing |
| • ArcGIS Enterprise | • Python | • Network design | • Technical training |
| • ArcGIS Online | • JavaScript | • Operating systems | • GIS applications |
| • Staff supervision | • HTML | • Public records | |

PROFESSIONAL AFFILIATIONS

- Municipal GIS professional supporting utilities, development services, emergency management, and public safety stakeholders.
- Ongoing professional development through NIMS training, technical education, vendor coordination, and GIS networking.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST