

SUMMARY

GIS professional (**GISP**) with **15+ years** building and scaling **enterprise GIS** across the public sector and energy. Core strengths: geospatial **data architecture** (12+ domains/250+ layers), **ETL** & CAD–GIS pipelines (FME/Python), spatial **QA/QC**, metadata/catalogs, and **cartographic styling** at scale (2,000+ styles). Led pilots → production (**0** → **3,000+ users**) with 10+ enterprise integrations; manage teams/vendors and quality; SME & **co-author of GIS/BIM** national standards; trained 200+ users. Committed to reproducible, measurable outcomes.

• Authorized to work in the U.S. (no sponsorship) • Open to relocation within California • Remote / Hybrid OK

EXPERIENCE

DEPUTY PROJECT MANAGER (GIS)

Jun 2022–Present

GAZPROM CPS | REMOTE, US

Full-lifecycle enterprise GIS for Gazprom’s project division—from scoping/TOR and architecture through build, integration, rollout, testing, and operations—standardizing geodata and processes across departments involved in the company’s facilities design process.

- Architected a unified enterprise geodata model across **12+ domains** and **250+ layers** (topo, surveying, cadaster, designed facilities, zoning, other), replacing fragmented formats with governed schemas and metadata for cross-project reuse.
- Designed the **metadata model**, catalog, and lineage rules linking datasets to sources and projects; improved traceability, auditability, and data stewardship.
- Established QA/QC playbooks and automated checks (topology, schema, completeness), resolving contractor format fragmentation and raising delivery reliability.
- Curated **cartographic standards** end-to-end: supervised vendor style development and quality; authored topo symbology (**2,000+ styles**).
- Scaled from zero to **hundreds of registered users**; coordinated enablement via vendor, **~200** staff trained.
- Integrated GIS with **4 corporate systems** (project management, land/rights, CAD vault, other) to enable end-to-end data flows and automated refresh.
- Governed the central database across 300+ company’s facilities projects (including historical backfills): oversaw and coordinated specialist data loads; defined/tested **ETL** and operating procedures.
- Prototyped GIS portal UI wireframes to improve usability and authored **20+ governing** documents (standards, playbooks, usage policies).
- Contributed as a SME to **national GIS/BIM industry standards**; supervised the GIS Specialist team and **mentored/onboarded** new hires.
Outcome: reduced pre-project data package preparation time by **~30%** via centralized storage, standard formats, and repeatable QA/QC.

EXPERT GIS ANALYST < Senior GIS Analyst < Senior GIS Specialist

Nov 2019–Jun 2022

GAZPROM NEFT | TYUMEN, RU

Built, rolled out, and scaled a high-load enterprise GIS on an open-source stack for a top-5 Russian energy company—consolidating CAD/GIS/imagery into a unified data model, publishing services, and enabling day-to-day operations across the business.

- Led production rollout across 3 subsidiaries; scaled adoption from **0**→**3,000+ users** in 3y making GIS the **#1 internal IS** by user count.
- Designed enterprise data models/classifiers for **200+ layers**; standardized CRS, topology rules, and attribute domains.
- **Piloted** deployment in the Design & Survey block; after a successful pilot, led the **full-scale rollout** (team onboarding, initial data loads).
- Owned end-to-end **requirements lifecycle** (specs, business→dev translation, UAT); led migration from ArcGIS/Pro to open-source stack.
- Delivered **10+ enterprise integrations** (DMS, land/cadaster, CAD vault, asset/real-estate), enabling end-to-end data flows.
- Established QA/QC pipelines (**FME/QGIS**) and **robust ETL** (CAD-GIS); standardized GeoPackage exchange, cutting contractor errors.
- Ran **30+ training cohorts**; authored **standards/methodologies**; sustained adoption via **support, presentations** and executive **demos**.
- Productionized **ML-based vector-feature classification** within ETL, improving consistency and reducing manual rework.

SENIOR GIS SPECIALIST (Fixed-term Contract)

Sep 2019–Oct 2019

CENTER FOR CADASTRAL VALUATION AND TECHNICAL RECORDS | TYUMEN, RU

Stood up the geospatial data infrastructure for a newly formed government institution and embedded GIS into the cadastral valuation workflow—delivering first operational capabilities within two weeks.

- Built the initial spatial data platform **from scratch in 2 weeks**: centralized GeoPackage hub, directory/naming, and SOPs; defined migration to PostgreSQL/PostGIS.
- Designed the **target data model**; standardized CRS/domains/topology; implemented **ETL** (FME/QGIS) to raise data readiness and quality.
- Integrated geodata into **cadastral valuation**; engineered **spatial-analysis** algorithms for price factors; produced cartographic outputs.
- Consolidated regional datasets into a **single source of truth**; introduced **QGIS** to expand capability; led **automation** and authored initial governance.

SENIOR GIS SPECIALIST < GIS Implementation Specialist
CSOFT-TERRA | TYUMEN, RU

Apr 2012–Sep 2019

Implemented municipal/regional GIS platforms end-to-end for government agencies and private clients—from requirements capture and data-model design to ETL and database build-out—standardizing exchange formats and QA/QC for reliable operations.

- Delivered **7 GIS rollouts** & **15+** prototypes (urban planning, cadaster, utilities); owned data workstreams and onboarding.
- Integrated spatial datasets into governed repositories/DBs (**PostgreSQL/PostGIS, Oracle**).
- Processed **hundreds of GB** of spatial data; produced multi-theme cartographic projects (zoning, utilities, protected areas, and other).
- Designed/refined data models; standardized exchanges via SHP/TAB; administered client DBs.
- Built/operated **ETL pipelines** (GeoMedia, **FME**) with validation; established repeatable QA/QC; maintained project **documentation**.
- Led a **2-cartographer team** (tasking, throughput, QA); trained users, provided front-line **customer support**;
- Built **QGIS plugins**, cutting manual effort; ran system assessments and translated **requirements** into dev specs.

GIS SPECIALIST
2GIS | TYUMEN, RU

Jun 2011–Apr 2012

Maintained city-guide mapping (10M+ users): field verification, production edits, routable network, QA/QC.

- Updated maps for **3 cities & 60+ settlements** (pop. 1M+); field-verified **>100 km²**; audited thousands of streets & buildings.
- Built/maintained the routable **road graph** to improve navigation accuracy; enforced topology/attribute QA and address normalization.
- Resolved dozens of user reports/month within SLAs; consistently **exceeded verification targets, up to 200%**.

CARTOGRAPHER (Fixed-term Contract)
SIBGEOPROJECT | TYUMEN, RU

Feb 2011–Apr 2011

Rapid georeferencing/digitizing for O&G field mapping; delivered production-ready datasets and maps in ArcGIS under tight deadlines.

- Georeferenced **1,000+ raster sheets** in 2 months; **RMS < 2 m** in local CRSs with precise linework.
- Digitized features to client specs; enforced clean topology and standardized attribute schemas.
- Designed map symbology/layouts (**ArcGIS**); delivered datasets and print-ready PDF maps under aggressive SLAs.
- Led **QA/QC** of intern deliverables, improving accuracy and consistency.

CARTOGRAPHER < Mapping Technician
WEST SIBERIAN AEROGEODESIC ENTERPRISE | TYUMEN, RU

Jul 2010–Feb 2011

Produced print-ready topographic and thematic cartography under national and in-house standards; digitized legacy map archives and modernized the prepress toolchain.

- Vectorized and stitched sheets; corrected geometry/topology; delivered client-specific thematic maps.
- Introduced **ArcGIS** into prepress process (faster, higher quality); built **CityEngine** pilot for 3D modeling.
- Designed **3 tourist maps** of the Tyumen Region, distributed via local stores and visitor hubs; handled final QA and layout.

EDUCATION

Applied Computer Science in Geography

2004–2010

Specialist (5-year program), U.S. bachelor's equivalent, TYUMEN STATE UNIVERSITY, RUSSIA

SKILLS

- **Software & Platforms:** ArcGIS Pro · ArcGIS Desktop · ArcGIS Enterprise · FME Desktop / Server · QGIS · GeoServer · Git · Metashape AutoCAD Map 3D · Python (GDAL/OGR, pyproj, PyQGIS, ML libs) · SQL · Oracle · PostgreSQL /PostGIS · Windows · Linux · macOS
- **Technical:** Data Architecture & Modeling · ETL & Interoperability (CAD–GIS, Raster–Vector) · CRS & Georeferencing · Geocoding Geoprocessing · Enterprise GIS · Spatial Analytics & SQL · Cartography & Symbology · Remote Sensing · Metadata & Cataloging QA/QC & Data Governance · Web Services (WMS/WFS/REST) · Process Automation & Scripting · ML-assisted Classification
- **Leadership & Delivery:** System Implementation & Integration · Project planning & Prioritization · Leadership & Supervision · Training Mentoring · Business Analysis & Requirements (AS-IS→TO-BE) · Documentation & Compliance · Stakeholder Communication Presentations & Live Demos

CERTIFICATIONS

- **GIS:** GISP Certification #162112 (GISCI, 2025)
- **Project Management:** Foundations of Project Management (2023)
- **Machine Learning:** Deep Learning Specialization (Coursera, 2020)

LANGUAGES

- English – Advanced
- Russian – Native