



# Denys Kovshun

## GIS developer | GIS analyst

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**Location:** Kyiv region, Ukraine

**Languages:** Ukrainian, English

## SUMMARY

GIS Developer with a strong track record in designing and implementing spatial analytical systems for real estate, EV infrastructure, and agriculture. Skilled in building ELT pipelines for large-scale geospatial data, optimizing spatial databases, and developing web-based GIS applications that drive decision-making and operational efficiency.

## SKILLS

**Programming:** Python, JavaScript (TypeScript), SQL  
**GIS Libraries:** Geopandas, Shapely, GDAL, Rasterio, Osmnx, OSRM, Valhalla, pgRouting, PostGIS  
**Databases:** PostgreSQL, MySQL, DuckDB, BigQuery, Redis  
**Web Development:** FastAPI, Flask, React, Vue, Leaflet.js, Mapbox GL, Cesium.js, Deck.gl  
**Tools & Platforms:** QGIS, ArcGIS, Azure

## EXPERIENCE

### Full Stack GIS Developer – JetSoftPro (Jan 2025 – Present)

- Automated cultivation and maintenance workflows for agricultural fields.
- Designed and developed web-based mapping tools for field management and route optimization.
- Built a custom vector tiles generation and management service to support scalable map rendering.

### GIS Analyst – Zoniq (Nov 2023 – Nov 2024)

- Developed analytic solutions to identify profitable EV charger locations.
- Led geospatial data collection and ELT pipeline development.
- Built scouting and site evaluation algorithms for EV infrastructure planning.
- Optimized infrastructure and services for enhanced data processing efficiency.

### Backend GIS Developer – Jito (Nov 2022 – Nov 2023)

- Worked with global property databases using machine vision and deep learning.
- Designed ELT pipelines and optimized geospatial databases.
- Developed services for high-volume geospatial data processing and web app prototypes.

### Full Stack GIS Developer – Upwork (Jul 2022 – Nov 2022)

- Interfaced with clients to estimate tasks and select technologies.
- Developed serverless web GIS, routing services, and desktop GIS apps.
- Integrated geospatial tools into existing client platforms.

### GIS Analyst / Developer – M4U Estate (Nov 2020 – Nov 2022)

- Delivered spatial analytics for real estate development and sales.
- Built and maintained geospatial databases and ELT pipelines.
- Developed network analysis tools and interactive web maps for client insights.

## EDUCATION

### National University of Life and Environmental Sciences of Ukraine [2018]

Master of Geodesy and Land Management