

# Adam Boudník

Data Engineer | Developer

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📍 Olomouc, Czechia

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## WORK EXPERIENCE

### Aiviro s.r.o.

ETL Developer

05/2024 - 02/2026

- Engineered AI-driven ETL pipelines in Python, integrating LLMs, Computer Vision, and OCR to extract, structure, and load complex unstructured data (PDFs, RDP environments, emails) into ERP systems and relational databases.
- Led LLM-integrated PoCs to extract structured data from technical engineering schemas.
- Deployed Dockerized environments onto client Ubuntu servers during pre-implementation.
- Collaborated in a fast-paced Agile team operating on 1-week sprints.

### OLC Systems s.r.o.

Junior Python Developer

09/2022 - 07/2024

- Engineered backend features and automated data ingestion using Python, Django, and Docker.
- Built and orchestrated data pipelines via Keboola, extracting data from APIs and staging raw payloads into AWS S3. deployment.
- Performed data transformations and cleaning in Snowflake using SQL and Pandas.
- Managed PostgreSQL/PostGIS databases, implementing Redis caching.

### Geocentrum spol. s.r.o.

Geospatial Data Specialist

02/2022 - 07/2022

- Part-time employment alongside studies.
- Collection and processing of point cloud data using the Leica RTC360 scanner and Leica Cyclone software.
- Consolidation of spatial datasets using Bentley Microstation OpenCities and QGIS.

## EDUCATION

### Palacký University Olomouc

Master's Studies in Geoinformatics and Cartography

2022

- Transitioned To Full-Time Employment Before Completion

Bachelor of Science in Geoinformatics and Cartography

2020

- Thesis: Geovisualizations And Modelling Of Spatial Phenomena Using Minecraft

## PROJECTS

### CashMoney

- Personal Finance Tracking app
- Dockerized 3-tier architecture (Django, PostgreSQL, Streamlit)

### Self-Hosted Home Lab

- Dockerized Jellyfin, Immich, Home assistant and other services

## SKILLS

- Programming Languages: Python, SQL | JavaScript, HTML, CSS
- Certifications: Keboola Data Engineer, Databricks Data Engineer, Snowflake Hands-On Essentials (Data Eng., Data Lake, Data Warehousing)
- Frameworks & Automation: Django, Pandas, Selenium, REST APIs, RPA, LLM Integration
- DevOps & Databases: Docker, Git, Linux (Ubuntu), PostgreSQL, SQLite, PostGIS
- Geospatial (GIS): QGIS, ArcGIS, AutoCAD, Remote Sensing (LiDAR, Satellite Imagery, Elevation Data)
- Languages: Czech, English

## INTERESTS

Home Lab & Self-hosting, Calisthenics, Running, Hiking, Philosophy