IVAN KOBIAKOV

SHORT PROFILE

I am an IT professional passionate about open-source software, AI/LLMs, ESG and PKI, with expertise in implementing innovative solutions in the energy sector. I step in when tasks are deemed too complex or delayed, accelerating digitalization by: validating ideas with MVPs, resolving crises with IT solutions, and advancing data use beyond spreadsheets and databases. I work autonomously to drive results and innovate—let's connect!

EDUCATION

Wirtschaftsuniversität Wien, Vienna, Austria   **Oct 2023 – Jul 2025**
Master of Science in Digital Economy

Higher School of Economics, **Moscow, Russia**   **Sep 2010 – Jun 2017**
Master and Bachelor of Science in Business informatics
Finished with honours

IT professional Academy, Ramat Gan, Israel   **Oct 2014 – Jun 2015**
Postgraduate program Data security in network

EXPERIENCE

Lecturer, Wirtschaftsuniversität Wien, Vienna, Austria   **Feb 2025 – Jul 2025**

- Lectured 300 Bachelor's and Master's students in Python programming.
- Built an autograder for programming assignments.

Digitalization Manager, Inter Rao, Moscow, Russia   **Nov 2019 – Mar 2024**

- Delivered 25+ Python-based MVPs (web applications, data analysis, and linear programming models), saving €100K per year.
- Implemented a Tableau system from scratch, which created 130 online dashboards.
- Built Airflow ETL pipelines, speeding up change-request delivery 5x and incident resolution 3x.
- Led a 2-year demand-response pilot, cutting peak energy demand by 20%.
- Managed the integration with e-Government services, co-authored regulatory updates to enable seamless login for e-government users.
- Managed a group of business and data analysts using Jira and Jupyterhub.
- Managed and judged two hackathons, each with a €150K budget.
- Developed a Mindfight-style quiz app for ten corporate games on a €500K budget.

Data Analyst, **REO,** Moscow, Russia   **May 2019 – Nov 2019**

- Modeled optimal landfill, incinerator, and sorting-site locations for 25 regions (50 M+ population).
- Built 40 waste-collection optimization models with varied constraints.
- Conducted spatial waste-logistics analysis using open-source and Tableau maps.

INTERSHIPS

Israel Datacenters **2015;** Russian Ministry of Energy **2011**

VOLUNTEERING

Forest Volunteers School **2022,** FIFA Worldcup **2018**

CITIZENSHIPS

Israel, Russia

CONTACT

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LANGUAGES

Russian - Native
English - C1
German – A2

SKILLS

Programming & Scripting: Python · C# · Flask · TensorFlow · LLM Integration · PyPSA-EUR
Data Visualization & BI: Tableau · Qlik · Power BI · Superset · Dash
ETL & Data Engineering: Open-source ETL frameworks · Airflow
Cloud Platforms: AWS · Azure · Others
Process Modeling & Design: BPMN · UML · ARIS
Operating Systems & DevOps: Headless Linux · GitLab CI/CD · Kubernetes

Governance & Project Management:
IT Governance · Business Process Management · Project management · Technical Specifications · Privacy & Data Security · Digital Transformation

HOBBIES

Chess · Hiking · Windsurfing