

MIKHAIL TABAKAEV

Desired position: —

Desired salary: from 250,000 RUB net

Relocation: Moscow / St. Petersburg (ready)

Contacts:

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Kemerovo, Russia

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GitHub: <https://github.com/Mihakgma>

SUMMARY

Data professional with 11+ years of unique hybrid experience: Healthcare/Pharma domain expertise combined with strong technical skills in data analysis, predictive modeling, and full-stack development. Proven ability to turn complex data into actionable insights and deploy working data-driven solutions. Winner of a national competition for digitalization in healthcare.

CORE COMPETENCIES

Data Analysis & Modeling:

Python (Pandas, NumPy, SciPy, Scikit-learn, Statsmodels), R, SQL, Statistica, SPSS. Predictive modeling, statistical analysis (regression, clustering, factor analysis, time series).

Data Engineering & Visualization:

Power BI, Excel, PowerPoint. ETL pipeline design, Flask, FastAPI, PostgreSQL, Docker. Experience building and maintaining production-grade products.

Domain Knowledge:

Medicine, pharmaceuticals, epidemiology, public health. Experience with medical, sales, and marketing data.

Project Leadership:

Full-cycle project ownership: from requirements gathering and system design to development, deployment, and support.

PROFESSIONAL EXPERIENCE

Data Analyst / Public Health Data Manager

Center for Hygiene and Epidemiology (Rospotrebnadzor — Russian Federal Service for Surveillance), 2018 — Present

— Automated data collection and processing using Python, reducing manual work by ~30%.

— Conducted deep statistical analysis of toxicological and epidemiological data, built forecasting models, and delivered insights for decision-making.

Key achievement: Winner of the All-Russian Competition held by Rospotrebnadzor for the project "Implementation of electronic tools for data collection and analysis." Designed and implemented a system that improved organizational resource management efficiency.

Medical Statistics Consultant (Freelance)
2015 — Present

- Provided statistical support for 30+ medical research projects (PhD and doctoral theses).
- Performed data analysis, built and validated models (logistic regression, ROC analysis, neural networks), and visualized results.

Key achievement: Co-inventor of a patented "Method for pregravidary prediction of the risk of fetal congenital heart defects." Scopus/Elibrary H-index = 16.

Lead Developer & Project Architect (Internal Startup)
2020 — Present

- Single-handedly designed, developed, and deployed a document management system (DMS) for a healthcare institution (Flask, PostgreSQL, JS).
- Full project lifecycle ownership. The system serves 700+ users across 16 locations.

Key achievement: Automated core business processes, replacing inefficient manual workflows with a digital solution.

EDUCATION

Kemerovo State Medical University
Degree in General Hygiene (Public Health)

CERTIFICATIONS

- Python Programming
- Data Analysis in R
- Statistics (Bioinformatics Institute, Stepik)
- Project Management (Sechenov University)

LANGUAGES

Russian — Native
English — Upper-Intermediate (technical documentation, correspondence, interview-ready)

SCIENTIFIC PROFILES

elibrary: https://elibrary.ru/author_items.asp?authorid=665389

ResearchGate: https://www.researchgate.net/profile/Mihail_Tabakaev

ORCID: <https://orcid.org/0000-0002-1966-3985>

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=56292387200>

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