

ILYA VLADIMIRSKIY

Fractional Data Leader | Data Expert | Consultant

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Lab IV

Shaping Your
Data Team

SUMMARY

Experienced data leader with 15+ years in engineering, analytics, and AI, building scalable platforms at Ada Health, CARFAX, and Zalando. Expert in cloud (AWS, GCP), agile, and bridging business and tech. Now offering fractional data leadership in data management, architecture, and analytics as a freelancer.

EXPERIENCE (SELECTED)

Freelance Data Leadership & Consulting

Lab IV

2024 - Present Berlin, Germany

Projects (selected)

- BioAge Labs** (www.bioagelabs.com): As a **Data Architect**, I am leading data integration for a research collaboration with Novartis, ensuring compliance and optimizing multi-source data assets.
- SBKG** (www.kunstschuleberlin.de): Acting as **Fractional CDO**, establishing a data-driven culture, building a data team, and developing a scalable platform for strategic insights.
- More information on projects and references are available upon request.*

Director Data

Ada Health

2021 - 2022 Berlin, Germany

Symptom checker app, market leader. Currently one of the most popular e-health applications.

- Scaled Data Department**: Expanded from 6 to 25+ in 2 years, adding team leads and optimizing processes.
- Data Products & Platforms**: Built platforms, delivered B2B/B2B2C products, and managed partner relations.
- Data Governance & Compliance**: Improved data discoverability and ensured privacy compliance.
- Tech Stack**: GCP (BigQuery), AWS, Azure, Kafka, MongoDB, Kubernetes, Docker, Python, Airflow, Jenkins, Tableau, Honeycomb.

Director Data

CARFAX Europe

2019 - 2021 Munich, Germany

Famous American brand offering vehicle history reports.

- Led Data Department**: Managed 3 teams (15+ reports) across Data Engineering, Analytics, and BI. Drove hiring, restructuring, and team development to enable data-driven initiatives.
- Tech Stack**: AWS (RDS, S3), MySQL, MongoDB, Kubernetes, Docker, Python, Airflow, Spark, Tableau, and NewRelic.

Head of Data and Business Process Engineering

Smartfrog

2017 - 2019 Berlin, Germany

Smartfrog is an IoT company providing smart home solutions like security cameras and monitoring services

- First Data Hire & Team Lead**: Built and led a team of 6 to develop the data platform from scratch.
- Tech Stack**: AWS (RDS, S3), Postgres, DynamoDB, Python, Airflow, Docker, Spark, and Redash.

Senior Data Engineer

Zalando

2015 - 2017 Berlin, Germany

EXPERTISE

Data Engineering

Data Analytics, BI/BA

Data Teams Leadership

Data Science & AI

Cloud Computing

Data Modelling, DWH, ETL

Data Governance, Data Observability, Self-Service BI

LEADERSHIP SKILLS

Team Leadership Mentorship Hiring

Servant Leadership

Process Management Motivation

Project and Product Management

Stakeholders Relationships

Client and Partner Relationships

EDUCATION

Computer Science Research

The Philipp University of Marburg

2002 - 2007 Marburg, Germany

Master's degree in Applied Mathematics

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

1994 - 2000 Moscow

LANGUAGES

English

Proficient

German

Proficient

TECHNICAL SKILLS (SELECTED)

Data Processing & Analytics

SQL	Python	Shell	Data Warehouse	Data Lake
Data Mesh	ETL	ELT	Data Governance	Data Quality
Data Lineage	Data Catalog	Business Intelligence (BI)		
Data Visualization	Dashboarding			
Key Performance Indicators (KPIs)			Data Democratization	
Self-Service Analytics		Artificial Intelligence (AI)		
Machine Learning (ML)		Data Science	Data Engineering	
Data Mining	Statistics			

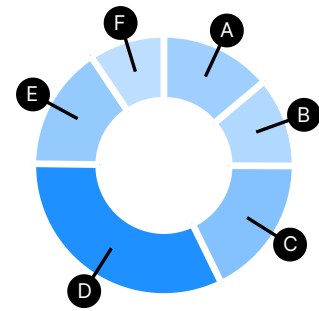
Cloud Platforms & Architecture

Cloud Data Platforms		Google BigQuery		Amazon Redshift
Apache Spark	Kafka	Kubernetes	Stream Processing	
Batch Processing	OLAP	OLTP	Relational Databases	
Distributed Computing		Serverless Architecture		DataOps
MLOps	Model Deployment		A/B Testing	
Experimentation	Privacy by Design		GDPR	
Data Encryption	Anonymization			

Data Systems & Management

Data Contracts	Schema Evolution		
Change Data Capture (CDC)		Event-Driven Architecture	
Real-Time Analytics	Data Sharding	Data Partitioning	
Data Archiving	Data Retention Policies	Data Annotation	
Semantic Layer	API Integration	Metadata Management	
Root Cause Analysis	Data Observability		

MY DEVELOPMENT CYCLE



- A** Talking to stakeholders, trying to understand the business problem and "question behind the question"
- B** Talking to my team to check if there are any blockers I can remove. Finding out how can I support them best way possible.
- C** Designing simple, pragmatic and agile solution with Pareto principle in mind (20% efforts which bring 80% of value)
- D** Building
- E** Testing, Documenting, Demonstrating, Teaching
- F** Monitoring, getting feedback and preparing next development cycle

FIND ME ONLINE



Web

<http://www.lab4.berlin>



LinkedIn - Lab IV

<https://www.linkedin.com/company/105218797>



LinkedIn - Ilya

www.linkedin.com/in/bkmy43



YouTube - Data PipeLINE

<https://www.youtube.com/@lab4.berlin>



GitHub

<https://github.com/lab4-berlin/>