

# OLEG MIAGKOV

\$ tech lead data engineer — high-load data platforms · fintech

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## \$ skills

### languages

Java · Scala · Go · Python · SQL

### streaming

Kafka · Flink · Spark Streaming

### batch & orchestration

Spark · Airflow · Great Expectations

### storage

Hadoop · S3 · Delta Lake · Greenplum · PostgreSQL

### cloud & infra

Kubernetes · OpenShift · GCP (BigQuery, DataProc) · AWS (EMR, S3)

### leadership

team leading · planning · stakeholder communication

## \$ certifications

— Reactive Architecture: CQRS & Event Sourcing

— Hadoop: Big Data Processing

— GCP Big Data & ML Fundamentals

— Functional Programming Principles in Scala

— Data Engineering on GCP (specialization)

## \$ education

### Saratov State Agrarian University

2008 — 2014

## \$ languages

english — limited working

russian — native

## \$ summary

Data engineer with 8+ years of building and optimizing high-load systems in the fintech sector. Leading engineering teams and delivering big data projects in Java, Scala, Go and Python. Focused on scalable data architectures and effective solutions for data processing and analytics. Next step — data leadership: shaping data strategy and turning it into business impact.

## \$ experience

### United Credit Bureau

aug 2023 — now

Senior Data Engineer -> Tech Lead Data Engineer · Moscow

Real-time analytics platform for the credit bureau: streaming pipelines, batch data marts, business-event monitoring and raw-data aggregation. Service architecture and business logic for stateful and stateless streaming.

Scala · Python · Spark · Kafka · Hadoop · S3 · Airflow · OpenMetadata

### Action-MCFR Mediagroup

jun 2022 — aug 2023

Senior Data Engineer

Company-wide data platform: corporate DWH, statistics collection at 40M+ events a day, Hadoop and Greenplum infrastructure, ML-ready datasets, Data Catalog, product integrations.

Python · Go · Spark · Kafka · Airflow · Greenplum · Postgres · Hadoop · K8s · DataHub · Great Expectations

### EPAM Systems

sep 2021 — jun 2022

Senior Software Engineer · Development Team Leader

Payments analytics for Europe's largest sportswear manufacturer: team management and planning, raw-data ingestion, batch and stream processing, data lake and data marts.

Python · Spark · Kafka · SQL · AWS (EMR, Hive, S3) · Jenkins · K8s · Exasol

### Neoflex

apr 2020 — sep 2021

Lead Data Engineer / Senior Software Engineer (Big Data)

Data lake delivery for a top-3 Russian bank: team organization, data-flow design, replication, SQL optimization. Automotive IoT data lake. Real-time analytics platform on Lightbend CloudfLOW.

Scala · Akka · Kafka · Flink · Spark · Delta Lake · Cloudera · OpenShift

### Grid Dynamics

sep 2019 — apr 2020

Data Engineer

Enterprise data warehouse: ETL pipelines and migration of traditional databases to Google Cloud from MSSQL, Oracle, DB2 and MySQL.

Python · Scala · BigQuery · DataProc · Airflow · Spark

### Neoflex

feb 2018 — sep 2019

Software Engineer

Enterprise banking systems: microservice architecture, OpenAPI.

Java 8 · Spring · Kafka Streams · OpenShift · Oracle · MySQL