

# Evgenia Kalman

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## Professional Expertise

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<b>Languages</b>	SQL, Python, Scala, Java
<b>Databases</b>	PostgreSQL, MySQL, ElasticSearch
<b>BI Tools</b>	Apache Spark, Hadoop, Shell and Linux, Data Warehousing (DWH), Airflow, Grafana, Kibana, Kafka, Databricks platform, Snowflake, Tableau
<b>Clouds</b>	AWS (S3, Lambda, EMR, EC2, Kinesis, SQS, etc.) GCP (Dataproc, BigQuery, Compute Engine, Kubernetes & App Engine, etc.)
<b>Other Tools</b>	Git, Apache Maven, Gradle, Jenkins, Docker, Atlassian Jira

## Experience

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### Coherent Solutions

*Big Data Engineer*

November 2020 – Present

*Minsk, Belarus*

*It was a Big Data developer consulting position first for a Californian Big Data start-up developing a platform for data quality, and then for an American-based global media measurement and analytics company providing marketing data and analytics to enterprises.*

- Supported and built ETL/ELT data pipelines on Scala/Java and Spark, Airflow
- Built robust pipelines to gather, uniform and integrate data from more than a hundred sources both streaming and batch nature (Spark, SQL, Scala, Python, Java, Kafka)
- Took care of performance optimization for Spark jobs up to 30% performance improvement
- Implemented monitoring system for data pipelines running 24/7 which accelerated the detection of errors and pipeline fails (Grafana, alerts)
- Involved in data modeling, design for both OLTP and OLAP systems
- Generated historical data which allowed new data patterns to be applied up to 12 month earlier
- Improved collaboration with analytics, data science and ML teams for mutual work on data-driven applications via additional calls and documentation increase by 50%
- Migrated more than 15 data pipelines from on-prem clusters to various AWS data services (EMR, Lambda)

### Neotech Development

*QA Automation Engineer*

June 2019 – October 2020

*Minsk, Belarus*

- Improved automated tests coverage in 4 times using Python Unit Tests and JavaScript Cypress
- Carried out functional testing, regression testing, performance testing using JMeter with up to 10 times load increase, wrote scripts for services checks with Rancher, Kafka; database integration testing (PostgreSQL, Python)
- Developed test plans, write test documentation and increased the number of tests in 6 times
- Monitored more than 20 micro services via Grafana, Kibana and Rancher

## Education

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### Bachelor's degree in Computer Science and Economics

*Faculty of Engineering and Economics*

*Belarusian State University of Informatics and Radio electronics*

September 2017 – August 2021

AWS Certified Cloud Practitioner

January 2022