
IGOR GORBENKO

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PROFESSIONAL SUMMARY

As a seasoned Data Executive specializing in Data, MLOps, and Architecture, I bring extensive experience in building high-performance teams and creating data systems that drive up to \$0.5B in revenue. Skilled in both strategic vision and hands-on execution, I excel at managing the full ML lifecycle, designing resilient data architectures, and translating data into actionable insights to optimize business outcomes. A strategic partner to the business, I streamline data pipelines, enable advanced analytics, and foster a culture of innovation while staying directly engaged in technical implementation when needed.

Certified in Snowflake, GCP, AWS, and FFMS 1.0, I am actively seeking a CDO, Head of Data, or Data Architect role to lead strategic initiatives and elevate data practices in a forward-thinking organization.

WORK HISTORY

Head of Data / Software Architect, 06/2022 - Current

Omniverse (AdTech) – Dubai, UAE

- Built the Data Department and strategy, scaling infrastructure to 2 PB and 300K RPS
- Built DWH, DSP, and DMP systems using AWS
- Implemented a Data Lakehouse with Apache Iceberg and Spark, boosting data access and analytics
- Deployed a Fraud Detection System, cutting costs by 20% with
- Cut Snowflake costs from \$30K to \$10K monthly through storage and compute optimizations
- Launched a near real-time BI environment, driving daily data use and faster decisions in key departments
- Led adoption of Data and MLOps practices, enhancing team skills and innovation

Head of ML Engineering / Big Data Architect, 01/2021 - 06/2022

Tango Me – Limassol, Cyprus

- Co-founded the Data Department, leading key data initiatives and setting the strategic direction
- Led the ML Engineering Department, managing a team of up to 30 engineers
- Implemented a real-time recommendation system, generating \$25M+ in additional monthly revenue
- Developed anti-fraud systems, reducing the false positive rate by over 80%.
- Built a real-time video content labeling system, supporting over 10K concurrent streams.
- Established best practices in Data and MLOps from the ground up
- Served on the architectural committee, influencing strategic technology initiatives and decisions

Big Data Architect, 08/2020 - 01/2021

EPAM Systems – Saint Petersburg, Russia

- Led pre-sales technical engagements, explaining how MLOps streamlines machine learning workflows using GCP, Python, BigQuery, Dataflow, and MLFlow.
- Created an Interior Recommendation System using algorithms for optimal furniture placement

Big Data Architect, 05/2019 - 08/2020

Netwrix – Saint-Petersburg, Russia

- Implemented MLOps from scratch using AWS, Python, Redshift, EMR, API Gateway
- Implemented an anomaly detection system that became the company's flagship product
- Automated testing environments for Apache Spark and established data management methodologies

Lead Big Data Developer, 05/2018 - 05/2019

First Line Software – Saint Petersburg, Russia

- Developed a Spark ETL data converter KIT, integrating connectors for AWS, GCP, Azure, and Hadoop
- Converted raw medical data to OMOP standard
- Provided technical leadership and facilitated knowledge sharing within the team

Senior Big Data Developer, 08/2016 - 05/2018

GDC – Kazan, Russia

- Developed and optimized enterprise-wide databases and ETL using SQL, Python, and AWS
- Led projects, managing cross-functional teams to boost operational efficiency at the Fujitsu factory

Deputy Head of the Analytical Department, 08/2008 - 08/2016

Gazprombank – Kazan, Russia

- Implemented DWH and BI systems, automating reporting and supporting strategic decisions
- Developed retail forex bots for real-time rate optimization, boosting profitability by 40%.
- Built a loan application conveyor system, improving process flow and operational efficiency

EDUCATION

Information Technology, 08/2008

Kazan National Research Technical University - Kazan, Russia

CERTIFICATIONS

- AWS Certified Machine Learning - Specialty (Amazon)
- AWS Certified Solutions Architect (Amazon)
- AWS Certified Developer (Amazon)
- AWS Certified Cloud Practitioner (Amazon)
- SnowPro Core Certification (Snowflake)
- Professional Data Engineer (Google)
- Professional Cloud Architect (Google)
- Associate Cloud Engineer (Google)
- FFMS 1.0 Brokerage, dealing and dealer activity