
IGOR GORBENKO

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PROFESSIONAL SUMMARY

CTO and Technology Executive with 17+ years of experience in AI, Data, MLOps, and Architecture, building systems that supported up to \$0.5B in revenue. Proven track record leading architecture and delivery of secure SaaS and on-prem platforms, building high-performing teams, and managing cloud/on-prem infrastructure and budgets. Equally strong in strategic leadership and hands-on execution, bridging business and technology to deliver scalable, secure, and cost-effective solutions. Recent focus includes private AI agents, enterprise RAG, and AI-powered compliance platforms.

WORK HISTORY

Chief Technology Officer, 01/2025 - Current

Compliance Control - Dubai, UAE

- Architected & led a multi-tenant compliance platform (SaaS & on-prem), ensuring scalability and security
- Tech & business partner to founders/clients, bridging regulatory needs and technical solutions
- Built & managed teams (backend, frontend, DevOps), set engineering practices, and drove delivery
- Owned the full tech stack (cloud/on-prem), driving cost optimization, security, and deployment efficiency
- Built a private AI agent running fully within customer environments on confidential data
- Developed an AI Compliance Copilot for document search, evidence analysis, and audit automation
- Achievements: delivered MVP in 3 months and launched SaaS pilot and enterprise on-prem packages

Head of Data / Software Architect, 06/2022 - 01/2025

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
- Built a Data Intelligence Service for investigations, anomaly detection, and relationship discovery at scale
- Deployed a Fraud Detection System, cutting operational costs by 20%
- 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, 08/2020 - 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, 05/2019 - 08/2020

Netwrix - Saint-Petersburg, Russia

- Implemented MLOps from scratch using AWS, Python, Redshift, EMR, and 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