Konstantin Dorichev

Big Data Analyst/ Engineer / Developer
with 14 years experience in IT and 13 years in Telecom

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ClickHouse
Database Professional

Executive Summary

I am an actively learning IT and Telecom specialist with extensive experience developing solutions, often commended for extreme teachability and strong analytical skills; attentive to details, with good people and soft skills and proper ethics.

Experience

2019–present — **Open Source Development**, ClickHouse, FastAI
- Code and documentation

2020–2025 — **Cyrillica.Lab AI Engineer and Team Lead**, *Cyrillica LLC*

Achievements:
- Developed a microservices AWS-based product `VoxQube` — a natural sounding voice-over service based on neuro voices; managed and participated in it's development, deployment and support.
- Created tools for Text-to-Speech (TTS) dataset preparation and validation, using speech recognition.
- Managed the team to prepare a high quality 57 hours TTS dataset.

2011–2017 — **Experienced Solutions Architect**, *Packet Core and GPON*, Ericsson, Moscow and Saint Petersburg

Responsibilities:
- SOLUTIONS DEVELOPMENT: Bids/offers preparation, clarification of requirements of the customers, processing and structuring input data to ensure the solution fits the expectations;
- PROJECT MANAGEMENT Organizing, coordinating and leading the team of various specialists.

Achievements:
- Signed a $3M multi-year contract with Mobicom — a leading Mobile Network Operator in Mongolia covering network development, HW & SW upgrade and support;
- Performed successful technical tests and trials for Megafon, MGTS.

2004–2011 — **Pre-sales, Integration and Technical Support Engineer**, Alcatel-Lucent, Moscow

2001–2004 — **Systems Administrator**, *EPIC Advisors (Russia) Ltd.*, Moscow

1996–2001 — **Software developer**, *Ministry of Defence*, Moscow
- Developed an application which improved quality of data gathered in real time, analysis and reporting in a multi-node network environment, C/C++.

Education

1991–1996 — **Math & Computer Science**, *Space Military Academy*, MS, with golden medal, Saint-Petersburg

Big Data Analysis

2025 — **ClickHouse Developer Course**, *ClickHouse Academy*, ClickHouse Inc.

Deep Learning & Data Science Specialization

2019–2020 — **Practical Deep Learning for Coders**, *fast.ai*

2019 — **Deep Learning Specialization**, *Neural Networks and Deep Learning; Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization; Structuring Machine Learning Projects; Convolutional Neural Networks; Sequence Models*, DeepLearning.ai, Certificates, Coursera

2018 — **Applied Data Science with Python Specialization**, *Introduction to Data Science; Applied Plotting, Charting & Data Representation; Applied Machine Learning; Applied Text Mining; Applied Social Network Analysis*, University of Michigan, Certificates, Coursera

Skills

OS:	Linux	Cloud:	AWS, GCP, Azure, Yandex
Databases:	ClickHouse, PostgreSQL, MongoDB	DevOps:	GitHub, Docker, Terraform
Languages:	Python, SQL	Other:	Pandas, NumPy, SciPy, RabbitMQ

Soft skills

Analysis	Advanced	*Ability to gather, process & visualize data*
Presentation	Advanced	*Ability to present the message in a clear and concise way*
Communication	Advanced	*Ability to listen, ask questions, inspire vision and motivate the team with words and own example*
English	Fluent	*I catch myself thinking in English, reading more books in English than in Russian*
Teaching	Advanced	*Ability to independently learn new things & pass on gained competence*