Alisher Karabaev

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✍ PROFESSIONAL SUMMARY

- Data Science Lead / Data Engineering Lead / ML Architect at nSure.ai with 9 years of experience
- Owner of the full ML pipeline, including a Feature Store, Model Training, Model Registry, and Model Serving in production under heavy load, as well as Model Calibration and Model Monitoring
- Expert in production-grade Python, classic ML (decision-tree-based methods), LLMs, and MLOps.
- 6+ years of managerial experience

💼 EMPLOYMENT HISTORY

nSure.ai, Data Science Squad Lead / ML Architect / Data Engineering Lead, August 2025 - Present

- **Became Lead of Data Engineering Team** along with existing roles of Data Science Squad Lead and ML Architect, which effectively made me responsible for all of the Data Team's infrastructure
- **Performance Platform:** built an automated Calibration & Simulation platform, enabling non-technical stakeholders to control and adjust performance by recalibrating models. It freed up Data Scientists from endless recalibrations

nSure.ai, Data Science Squad Lead / ML Architect

October 2024 - Present

- **AutoML:** Designed and scaled an end-to-end AutoML platform covering the full lifecycle—from training and evaluation to deployment. It led to 3x increase in the number of deployed models
- **Technical Leadership:** Served as the technical lead for a Data Science team of six

nSure.ai, Senior Data Scientist / MLOps

January 2022 - November 2024

- **Cloud Transformation:** Migrated model training and serving to AWS SageMaker. It enabled Data Scientists to train and serve models of any complexity and increased the number of deployed models by 5 times
- **Owner of Crypto ML:** Designed and monitored ML models for crypto merchants. It led to 10% increase in approval rate without increase in the fraud rate for the most important crypto merchant
- **Technical Standards:** Established Python best practices and mentored the team both F2F and by writing docs.

vsetendery.kg, Co-Founder

January 2024 - July 2025

- **Procurement Intelligence Platform:** Built an end-to-end local platform aggregating data from 10+ sources, featuring semantic search, personalized notifications, and win/loss analytics.
- Team & Role: Led a 3-person team as technical lead. Managed Backend, Data Science, and DevOps; built the analytics UI and maintained the Front-End post-launch
- The project reached 100 users daily, but eventually failed due to lack of product-market fit

VEON, Lead Data Scientist

July 2021 – January 2022

- **Leadership:** Managed a Data Science team of 3
- **End-to-End FinTech Solutions:** Built a telecom-based financial monitoring service adopted by the 5 largest local banks and a credit scoring tool used by 2 partner banks.
- **Churn Reduction:** Led ML initiatives that reduced new customer churn by 14%.

VEON, Data Scientist

July 2020 - July 2021

- **Revenue Growth:** Developed an upsell prediction model increasing conversion by 27%.
- **Product Launch:** Designed a user-movement analytics service which was adopted by 7 external partners.
- **Efficiency:** Automated manual workflows and prediction retrieval via custom web interfaces. It removed manual work from Data Scientists who needed to generate predictions manually