

Syuzana Tevdoradze

Technical AI Product Lead

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WHAT I DO

I take AI and data products that are messy, expensive, or unreliable and make them work: better model accuracy, lower cloud and labeling costs, metrics people can trust, and a version customers are happy with. I'm hands-on and comfortable owning a product end to end without a big team around me. I work directly with engineers, data people, and customers, from first prototype to production.

Applied-math background, 8 years across AI/ML products, data, and delivery. I set product direction and own outcomes while staying close to the build. Good fit for teams that want a leader who still gets into the models, data, and metrics.

WHERE I CAN HELP

- Fixing an AI/ML product that "sort of works": accuracy, evaluation, dataset quality
- Cutting AI infrastructure and data-labeling costs
- Turning a prototype or MVP into something stable enough to sell
- Setting up simple metrics so the team and customers know what's real
- Scoping where AI helps a workflow and where it doesn't
- Getting a small team, data, and customers aligned on what to build next

EXPERIENCE

Fermata | Technical Product Owner | 2024-2025 | Tel Aviv (remote)

AI computer-vision monitoring for greenhouses and indoor farms.

Joined a fragile, over-budget product that customers didn't trust and turned it into a stable product with working economics.

- Audited 10+ detection models and found several were unreliable because of bad training data. Cut the product down to the 4 models that worked, which stopped customer complaints and gave sales something honest to promise.
- Rebuilt how data was labeled (from "pretty pictures for reports" to real training data), raising average production-model accuracy from 0.6 to 0.9 and cutting annotation labor by about 95%.
- Worked with the CTO and architect to move to shared services and multi-tenant infrastructure, cutting cloud compute cost per customer by about 10x and turning unit economics positive.
- Set a simple technical roadmap tied to the two numbers investors cared about: burn rate and cost per customer.
- Introduced a 2-week stabilization process for each new greenhouse and coached customers to trust statistical trends instead of reacting to one wrong image.
- Supported rollouts across Europe, Mexico, Canada, and the US.

Analytical Center (government analytics), Data Laboratory | Head of Data Lab | Lead of Data Analytics and AI | Data Analyst | 2018-2022 | Moscow

National think tank; analytics and ML for public services.

Held three roles across 2018-2022: Data Analyst (8 months), then Lead of Data Analytics and AI (1 year 10 months), then Head of Data Lab (1 year 4 months), which I rebuilt after the original team left.

- Built and shipped an NLP system to handle about 200-250k citizen requests a year: auto-classification, entity extraction to pre-fill case cards, and routing to the right agency. Processing time dropped about 5x, with a human still making the final call.

- Added "early signal" detection that flagged emerging local problems within 1-3 days, instead of waiting for them to become large.
- Re-architected big telecom-mobility data processing from row-based to vector-based storage, cutting one report from about 3 days to about 1.5 hours.
- Turned the analytics into paid products that regional governments bought (population movement for planning metro lines and public-facility locations).
- During COVID, ran the analytics group in a 24/7 response unit and found that support payments weren't reaching medical workers, which led to changing how those payments were administered.

Voskhod | Head of Data Research | 2024-2025 | Moscow

National gov-tech integrator.

- Set up an applied R&D function and made sure research shipped into production decision-support components rather than staying as reports.
- Built models that combined text, telecom, and messy administrative data, and introduced one shared way to measure model quality so results could be compared on the same metrics.
- Wrote practical handling rules and review checkpoints for sensitive data.

Aplana | Systems Analyst | 2017-2018 | Moscow

- Delivered an end-to-end notification service (requirements, design, integration, and production) on a Kafka-based pipeline.

Muon | Systems Analyst | 2013-2014 | Moscow

- Data migration for a large European bank. Self-taught LotusScript to extract data from a legacy non-relational system and wrote the ETL for a zero-bug migration.

Biketome | Co-founder, Tech & Operations (part-time) | 2023-present | Batumi

Small café + bike rental (family business).

Set it up from scratch (POS, IT, suppliers, compliance) and designed the build-out of a second location; now involved only occasionally, for process changes and emergencies.

SKILLS

Product & delivery: AI/ML product ownership, roadmapping and OKRs, MVP scoping, clear success metrics, stakeholder and customer communication

AI/ML & data: model evaluation, dataset quality, data-labeling and annotation pipelines (Keylabs, Roboflow), NLP (classification, NER), computer-vision products, cost optimization (cloud/compute and labeling labor)

Technical: Python, SQL, data modeling, systems analysis

EDUCATION

- MSc, Applied Mathematics and Computer Science, Moscow State University (Distinction), 2017
- Product Management, Netology, 2025
- English (fluent)