Nikita Detkov

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I am a tech lead with over 6 years of experience, combining a strong foundation in applied AI R&D with strategic business perspective. My expertise lies in both building cutting-edge AI solutions from the ground up and optimizing existing ones, ensuring seamless integration across teams and workflows.

WORK EXPERIENCE

OHMYSYNT
Co-Founder and CTO — Jan 2023 – Oct 2024

- Built B2B SaaS Gen AI product with the best proprietary Text-to-Image model fine-tuning engine in 6 months, managing the compact engineering team and working closely with other stakeholders.
- Defined tech vision and strategy, aligned goals and resources, resolved bottlenecks, drove AI R&D.
- Reduced content production costs by 80% for major international Enterprise clients, including PepsiCo, AliExpress, Olmeca, Pernod Ricard, Magalu, CGTN, Uzum and Ludus Game.

NDA Law Firm
ML Tech Lead / Product Manager on contract — May 2023 – Jan 2024

- Accelerated the lawsuit filing 30x times by designing a tailored AI automatization strategy, scoping the project, hiring a team of NLP and Backend engineers and leading MVP implementation.

Malivar (**Aliona Pole Studio**)
CTO — Mar 2021 – Dec 2022

- Increased annual revenue 10x times by launching a web service for digital avatar animation with state-of-the-art Face Swap, Face Reenactment, Appearance Generation and Voice Conversion methods.
- Defined tech vision and strategy, aligned goals and resources, resolved bottlenecks, drove AI R&D.
- Hired and led a team of 10 engineers, conducted performance review, fostered a culture of innovation.

ML Research Engineer — Mar 2020 – Feb 2021

- Minimized the delivery time of 3D character creation and animation projects 4x times by introducing Face Animation, Lip Sync, Pose Estimation, Blind Face Restoration and Voice Cloning methods.

ITMO University
ML Researcher on contract — Jan 2022 – Jul 2022

- Researched the interpretation of errors in medical ML models (XAI), published the academic paper.

ML Engineer on contract — Jan 2021 – Jul 2021

- Developed segmentation ML model for drones, did everything from data labeling to containerization.

SberBank, *Data Scientist* — Jul 2018 – Apr 2020

EDUCATION

500 Global Accelerator, Startup Growth, *$100k investments*		2023
ITMO University, PhD in Artificial Intelligence (dropout)		2022 – 2024
ITMO University, M.S. in Big Data and Machine Learning, *With Honors*		2020 – 2022
Ural Federal University, B.S. in Applied Informatics		2016 – 2020

ADDITIONAL INFORMATION

Achievement: Raised $250k from the best CEE seed-stage VC only with the pitch deck and no MVP.
Get acquainted with me: Speech from the conference on Text-to-Video Generation and Editing. [Link]
Skills: System Design, Pitching / Machine Learning, Deep Learning, Computer Vision, Generative AI, NLP, LLM, Text-to-Image, Text-to-Video, Fine-Tuning, Diffusion, GAN, Transformer Models, RAG / Python, PyTorch, TensorFlow, OpenCV, FastAPI / Hugging Face, LangChain, Replicate, WandB / Scikit-Learn, XGBoost / ONNX, TensorRT, OpenVINO / SQL, Git, Linux, ffmpeg / PostgreSQL, Kubernetes, Docker, MLOps, CI/CD, Grafana, Amplitude, Temporal / AWS, GCP, Azure / C#, Java, TypeScript
Languages: Fluent English (C1), Native Russian (C2)