

## SUMMARY

**MLOps/DevOps Engineer** with 4+ years of experience in software engineering and infrastructure. Specialize in building high-performance systems across cloud and on-premise environments. Built and deployed scalable production pipelines supporting 30k+ daily active users and real-time AI workloads. Strong background in speech, natural language processing, and finance.

## EXPERIENCE

**MLOps/DevOps Engineer at iClerk** San Francisco, USA (remote)  
*Silicon Valley startup, using AI to automate repetitive B2B tasks, \$3.4M pre-seed* July 2023 — July 2025

- Architected Tailscale-meshed K3s GPU clusters with NVIDIA GPU Operator, achieving >50% reduction in GPU hosting costs
- Established IaC monitoring and alerting for >4 Kubernetes clusters, decreasing incident resolution time from 1 day to 1 hour
- Spearheaded integration of an ensemble model for ASR and speaker diarization, achieving 11x speedup with improved accuracy
- Built a GPU-enabled inference pipeline with NVIDIA Triton Inference Server, reduced per-hour meeting processing costs by 5x
- Delivered a multi-stage financial parser with vision LLMs, automated 70% of manual analysis and secured early enterprise client

**ML/MLOps Engineer at MynaLabs** Tbilisi, Georgia  
*GenAI FunTech startup, founded and funded by a single investor with 2 prior \$150M+ exits* November 2022 — March 2024

- Developed a priority-queuing REST/gRPC API serving 60k+ inference requests per hour for multi-modal speech tasks
- Researched and deployed state-of-the-art multilingual, emotional text-to-speech and voice conversion models in 44 kilohertz
- Engineered speech model fine-tuning service, reducing voice cloning time to under 1 minute
- Terraformized and migrated speech infrastructure to Kubernetes on GKE with >4000 lines of code
- Mentored a team of engineers on MLOps/DevOps best practices, improving code quality across projects

**Data Scientist at DiviAI** San Francisco, USA (remote)  
*Silicon Valley startup, building a financial data aggregator for the US market* September 2021 — July 2022

- Designed a PySpark pipeline to scrape and process S&P 500 news to estimate investor sentiment with BERT-like models
- Developed list-wise learning-to-rank system for stock recommendations, enhancing portfolio performance for long-short strategies
- Engineered cron-based ETL workflows that aggregate data from 150+ financial API endpoints

## PROJECTS

- **Research Playground:** collection of ML/DL models in PyTorch Lightning with support for distributed training on K3s cluster
- **Huffman Archiver:** C++ implementation of Huffman coding for lossless data compression with Conan package management
- **Stochastic Optimization:** zero-gradient methods (Particle Swarm, Genetic Algorithm) for optimization problems
- **Personal Website:** portfolio built with Next.js, Supabase, and Notion API
- **Dotfiles:** declarative system configuration with Nix for reproducible environments on macOS and NixOS

## EDUCATION

**NRU “Higher School of Economics”** Moscow, Russia  
*B.S., Economics and Data Science, summa cum laude* September 2018 — July 2022

**CFA Institute** Moscow, Russia  
*Level 1 passed, 90th percentile* February 2021

## SKILLS

- **Languages:** Python, Rust, Go, C++, SQL, TypeScript
- **DevOps:** Terraform, Ansible, Nix, Docker, Kubernetes, AWS, GCP, Grafana, Prometheus, Loki, Tailscale, CI/CD, ArgoCD
- **MLOps:** DVC, NVIDIA Triton, Ollama, LangChain, LangGraph, ONNX, TensorRT, CoreML
- **R&D:** PyTorch, Lightning, Hydra, W&B, Gradio, Scikit-learn, Numpy, Pandas, SciPy
- **DE:** Hadoop, Spark, Polars, Kafka, RabbitMQ, Celery
- **Storage:** Redis, PostgreSQL, PGVector, S3, R2, Supabase
- **Backend:** gRPC, REST, Websocket, Webhook, PubSub, AsyncIO, FastAPI, Pydantic
- **Frontend:** React, Next.js, Remix, Tailwind, Vercel