

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, United States (remote)
Silicon Valley startup (\$3.4M pre-seed), using AI to automate repetitive B2B tasks July 2023 — Present

- Architected a K3s GPU cluster with NVIDIA GPU Operator, achieving >50% reduction in GPU hosting costs
- Established IaC-driven monitoring and alerting across 4 K8s clusters, decreasing downtime and incident resolution time
- Spearheaded integration of an ensemble model for ASR and speaker diarization, achieving 11x speedup with improved accuracy
- Built a GPU-accelerated inference pipeline with NVIDIA Triton, reducing per-hour meeting processing costs by 5x
- Delivered a RAG pipeline for financial statements parsing, automated 70% of manual analysis and secured early enterprise client

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

- Developed a priority-queuing API (REST/gRPC) serving 60k+ inference requests/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 with >4000 lines of IaC
- Mentored a team of engineers on MLOps/DevOps best practices, improving code quality across projects

Data Scientist at DiviAI San Francisco, United States (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 Transformer-based models
- Developed list-wise learning-to-rank system for stock recommendations, enhancing portfolio performance for long-short strategies
- Engineered ETL workflows that aggregate data from 150+ financial API endpoints

PROJECTS

- **Research Playground** — collection of ML/DL model implementations with 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 Remix (SSR/CSR), Supabase, and Notion API
- **Dotfiles** — Nix-based declarative system configuration for reproducible environments on macOS and NixOSg

EDUCATION

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

CFA Institute Moscow, Russia
Level 1 Passed 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:** Remix, React, Tailwind, Vercel