

Andrei Anokhin

I am a Machine Learning Engineer with strong experience in MLOps, LLMOps, and data engineering, specializing in building scalable AI/ML solutions and bringing them into production. My work bridges software engineering, data pipelines, and applied AI to deliver reliable, efficient, and business-ready systems.

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in [linkedin.com/in/andrey-anokhin](https://www.linkedin.com/in/andrey-anokhin)

WORK EXPERIENCE

ALDI Data & Analytics (<https://it-jobs.aldi-sued.de/en>)

Senior Machine Learning Engineer

08/2024 - Present

- Designed and optimized scalable ML and LLM production pipelines with full MLOps/LLMOps lifecycle management (tracking, validation, deployment, monitoring).
- Built robust observability with MLflow, Evidently, and Databricks, integrating data drift detection, CI/CD, and automated testing for reliability.
- Developed and deployed generative AI workflows using LangChain and MLflow, covering prompt engineering, evaluation, and continuous performance monitoring.

EPAM Systems (<https://www.epam.com/>)

Senior Software Engineer

03/2021 - 07/2024

- Developing an AIML platform based on AWS SageMaker: As a MLOps engineer, I played a key role in designing the architecture of the AIML platform. My responsibilities involved orchestrating AWS SageMaker pipelines (utilizing Jenkins, ArgoCD, and GitOps), establishing CI/CD pipelines (using Jenkins, linters, unit tests, Docker, and Terraform), ensuring platform observability (through AWS QuickSight, SignalFX, AWS Lambdas, custom metrics, and dashboards), and managing infrastructure as code (with Terraform/Terragrunt)
- Technical productization of a Computer Vision ML application: In my role as an MLE engineer, I refactored the application and ML code to enhance code quality and maintainability. I introduced version control and CI/CD practices, advocated for writing unit and integration tests, and leveraged application containerization techniques to improve deployment and scalability

MindSet (<https://m-s-e-t.com/>)

Python Developer / MLE (Contractor)

04/2020 - 03/2021

- Enabling the data science team by developing and supporting ML models in a production environment, setting up inference for pre-trained ML models, and creating API servers for ML models on the GCP Cloud.

Spherical (<https://www.spherical.pm/>)

Software Developer (Contractor)

10/2019 - 02/2020

- Python coding, created CLI application, a tool to recover UNFCCC-compliant and Atmo-ready metadata from Google Sheets/Excel

Southern Scientific Center of Russian Academy of Sciences

Senior Researcher

09/2010 - 03/2021

- Research and Data visualization

EDUCATION

Southern Federal University

PhD in Physics

2015

Master's degree in Nanotechnology

2010

CERTIFICATIONS

- AWS Certified Developer Associate
- Databricks Certified Machine Learning Associate