

# Andrei Anokhin

+905347082893 • anokhin.andrey@gmail.com • [linkedin.com/in/andrey-anokhin](https://www.linkedin.com/in/andrey-anokhin)

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## Senior Software Engineer (MLOps Engineer)

Experienced Software Engineer with a foundation in developing AI/ML projects and a proven track record of delivering high-impact solutions. My industry experience spans various roles, including python development, machine learning engineering, and MLOps engineering.

I also have a strong track record of working with cloud-based systems (AWS Cloud).

### WORK EXPERIENCE

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#### **EPAM Systems** • 03/2021 - Present

##### **Senior Software Engineer**

- 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** • 04/2020 - 03/2021

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

##### **Python Developer / MLE**

- 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** • 10/2019 - 02/2020

<https://www.spherical.pm/>

##### **Software Developer**

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

### EDUCATION

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#### **Master's degree in Nanotechnology**

Southern Federal University • 09/2004 - 01/2010

#### **Bachelor's degree in Nanotechnology**

Southern Federal University • 01/2004 - 01/2008

### CERTIFICATIONS

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#### **AWS Certified Developer – Associate**