

Elena Popov

Machine Learning Engineer

Email: elena.popov@email.com

Location: Prague, Czech Republic

Experience: 5 years

Professional Summary

Machine learning engineer with 5 years experience deploying AI systems at scale. Expert in Python, MLOps, and production machine learning infrastructure.

Professional Experience

Senior Machine Learning Engineer | Autonomous Systems | 2022 - Present

- Built reinforcement learning system for robot navigation using Python and PyTorch
- Developed computer vision pipeline for object detection achieving 98% accuracy in production
- Led ML engineering team of 6 deploying AI models for industrial automation

ML Engineer | Recommendation Systems | 2020 - 2022

- Built personalization AI system using Python and TensorFlow serving 50M+ users daily
- Developed real-time inference infrastructure processing 100K+ predictions per second
- Shipped A/B testing framework for machine learning model evaluation

Data Scientist | Digital Marketing | 2019 - 2020

- Implemented customer segmentation models using Python and scikit-learn for targeted advertising
- Built predictive analytics system for marketing campaign optimization

Junior ML Engineer | Research Lab | 2018 - 2019

- Developed machine learning prototypes using Python for various AI research projects
- Published research on deep learning optimization techniques

Technical Skills

- **ML/AI:** 5 years Python, 4 years Machine Learning, 3 years Deep Learning, 2 years Computer Vision
- **Frameworks:** 3 years PyTorch, 2 years TensorFlow, 4 years scikit-learn
- **Infrastructure:** 3 years MLOps, 2 years Kubernetes, 3 years AWS
- **Leadership:** 2 years Team Management

Education

M.S. Artificial Intelligence | Czech Technical University | 2018

B.S. Computer Science | Charles University | 2016