

Anton Kozackov

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Amsterdam, NL

German Citizen

WORK EXPERIENCE

Freelance Software Engineer / ML

Aug. 2023 – Current

Client : Manufacturing (Print)

Fully Remote

- Built Django product data enrichment pipeline with LLM integration used by sales team on 15.000+ products for making product available in 7+ markets, integrated with BI and accounting software via REST.
- Built full-stack invoicing and order forwarding platform for printing factory handling tens of thousands of orders; synchronizing order data across various sales channels and internal CRMs via Rest APIs for multiple service providers. Deployed to AWS using S3, Docker, Lambda Functions and AWS SQS with CI/CD.
- Audit and redesign of invoicing system with DDD, recreation of complex invoicing calculation, internal tool construction for sales team for individual bulk order pricing calculations with Excel reporting.

Client : E-Commerce

- Developed suite of internal accounting, reporting and evaluation tools with data aggregation pipelines, visualizations and Streamlit frontend to process historical order data, worked closely with accounting to create compliant reports and save hundreds of hours of manual accounting work.
- Lead backend developer on team for web logistics and inventory tooling turned SaaS product, delivering MVP under budget with full stock tracking, forecasting, and alerting features; assembled and led 6-person developer team for execution. Developed Django backend and ML inventory forecasting.

Machine Learning Engineer

Jul. 2022 – Aug. 2023

Deeper Systems Consultancy

Fully Remote

- Led the development of gradient boost predictive modeling system to identify potential fraud in financial system, training user classification and behavior detection model based on user value calculation and user history. Used XGBoost model and W&B for evaluation and reporting across 100.000.000+ datapoints, built data processing pipeline using Pandas and MongoDB.
- Deployed model using FastAPI on AWS.

AI Researcher / Machine Learning Engineer (research project)

Jan 2022 – Jun. 2022

Sensity B.V.

Amsterdam, NL

- Conducted applied research my training AI for deepfake detection using neural networks (PyTorch) and quantitative analysis of visual features and adversarial patterns in manipulated imagery.
- Built pipelines for pre-processing, model evaluation, and dataset augmentation, implemented experiments for model generalization testing and robustness evaluation against various types of synthetic media.

Head of E-Commerce (IT)

Feb. 2018 – Aug. 2020

Runa Art GmbH

Berlin, DE

EDUCATION

M.Sc. Information Studies - Data Science Track

Sep. 2020 – Aug. 2022

University of Amsterdam

Amsterdam, NL

- Courses: Statistics, Simulation and Optimization, Forecasting in Complex Systems, Applied Machine Learning
- Thesis: Towards generalisation of deepfake detection for real-world applications

B.Sc. Business Administration

Sep. 2015 – August 2018

University of London Royal Holloway College

London, UK

SKILLS

- **Technologies:** Python, Pytorch, Tensorflow, Pandas, Scikit Learn, PostgreSQL, MongoDB, Anvil.works, Streamlit, Django, Docker, FastAPI, AWS, Git, Bash, W&B, AWS EC2, S3, SQS, Power BI, Terraform
- **Skills:** DevOps, MLOps, Project Management, Stakeholder Management, Team Management, Scrum, Kanban, Excel, TDD, DDD
- **Language:** English (Fluent), German (Fluent), Russian (Fluent), Dutch (B1)