

Ivan Reshetnikov

10+ years in Software Development, 5+ years in Data Science.

Passionate about solving real-world problems with code and turning ideas into production.
GitHub profile <https://github.com/resivalex>

Senior ML Engineer

🕒 1 year 9 months
August 2024 - Present

📍 Maksmart
<https://maksmart.ru>
B2B marketplace

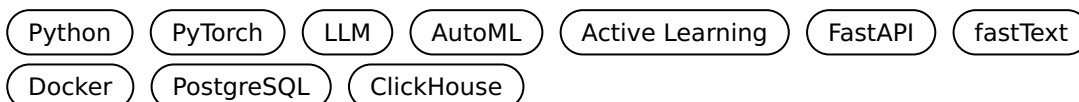
Tasks

- Full ML model development lifecycle: requirements gathering, research, experiments, production deployment
- Applying LLM for automated data labeling, extraction, and classification
- Developing pricing, product matching, categorization, and forecasting algorithms
- Building data processing pipelines and data quality systems
- Using automated testing to ensure the quality of data and models

Achievements

- Conducted R&D and deployed 8 ML models to production
- Designed an AI system based on LLM and RAG to maintain the product type catalog, reducing the need for manual labeling
- Implemented ML model for product matching, reducing unmatched supplier offers by 2x
- Developed duplicate scorer, reducing implicit product duplicates by 60% with 95% precision
- Developed price regressor with confidence intervals, simplifying supplier offer moderation
- Implemented price anomaly detection, identifying unit-of-measure and data entry errors
- Implemented last-mile median delivery time forecasting with less than 15% error
- Optimized data processing pipelines, reducing memory consumption by 5x

Technologies



Data Scientist

🕒 2 years 4 months
April 2022 - July 2024

📍 Architech NYC
<https://architech.nyc>
Business services

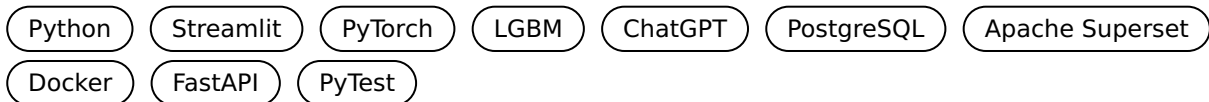
Tasks

- Refining existing services
- Implementing machine learning techniques
- Generating ad-hoc reports
- Investigating data consistency issues
- Researching solutions for current business needs

Achievements

- Created a Rate Calculator for container transportation (achieving 11% RMSPE), featuring an intuitive interface, performance monitoring, and regular retraining capabilities
- Built BI dashboards for container transportation, enhancing operational decision-making and reducing manual reporting efforts
- Developed an OCR service with 95% precision in document validation, significantly reducing dispatcher workload
- Implemented an Email AI system using ChatGPT, automating email handling and reducing response times

Technologies



Machine Learning Engineer

🕒 1 year 4 months
December 2020 - March 2022

📍 Sape
<https://sape.ru>
Backlinks purchase service

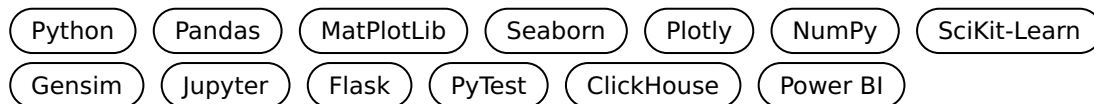
Tasks

- Implementing machine learning techniques
- Topic text classification
- Searching for significant features, which cause product dissatisfaction
- Helping SEO-specialists to construct effective promotion strategies

Achievements

- Development of price recommendation model from data analysis to preparing for deploy
- Developed a backlink search system, optimizing search speed to 3 seconds and improving SEO relevance and customer satisfaction

Technologies



Lead Ruby on Rails developer

🕒 4 years
December 2016 - November 2020

📍 OneRetarget.com
<https://oneretarget.com>
A service to manage several ad platforms at one account

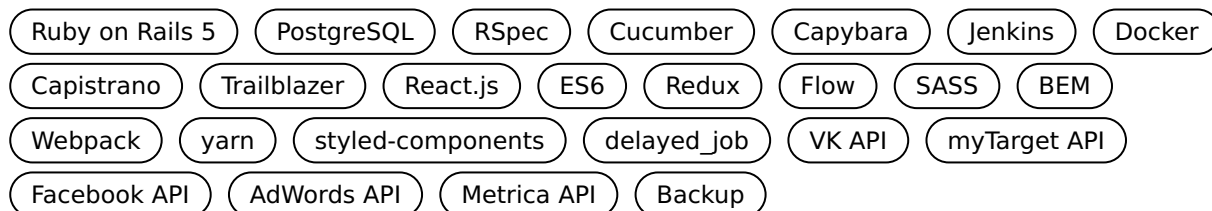
Tasks

- Choosing the technical development strategy and tools, suggestion/discussion of implementation ways. Code review
- Creating tools to analyze and manage ads
- Synchronization of statistics, state of moderation
- Implementing of new formats. Error handling
- Deployment of the system. Backups. System state monitoring

Achievements

- Modifying the API in such a way it can be used for external users and the frontend
- Synchronization and display of advertising performance from Yandex.Metrica data
- Adding a section for problem detection in the system
- Implementation of interactive widgets: weekly schedule, bulk copying, ad preview
- Frontend migration from CoffeeScript and jQuery to ES6 and React
- Correction of the layout and use of the single style within the entire user account

Technologies



Ruby on Rails developer

🕒 8 months
April 2016 - November 2016

📍 Lakehouse
<http://www.lakehouse.ru>
None

Tasks

- Real estate project support and development <http://o-din.ru/>
- Beauty specialists qualification project support and development <http://e-academie.ru/>

Technologies

Ruby on Rails 4 RSpec Linux Capistrano Capybara AngularJS
CoffeeScript PostgreSQL

Self-education

🕒 3 months
February 2016 - April 2016

Tasks

- Graduation work rewriting <https://github.com/resivalex/student-progress-on-rails>
- Trampoline center website development <https://github.com/resivalex/zaskok>

Technologies

Ruby on Rails RSpec Linux Capistrano CoffeeScript AngularJS PHP
HTML CoffeeScript SASS MySQL D3.js SVG

Software developer

🕒 10 months
April 2015 - January 2016

📍 Nasca Ltd.
<http://piratetrade.ru>
Exchange trading company

Tasks

- Website development <http://pskovskie.ru/> from scratch
- Development of a multi-component network application in a team of five members using the Scrum methodology
- Full implementation of an important component interacting with the exchange
- Unit-testing with Catch framework
- Partially designing and implementing a client application on Qt
- Using design patterns
- Code review

Technologies

Ruby on Rails 4 Ruby Slim JavaScript CSS SASS Bootstrap AJAX
friendlyId dragonfly C++ Boost Thread WebSocket JSON Stash JIRA
Confluence Git

C++/Qt developer

🕒 10 months
December 2012 - September 2013

📍 Nasca Ltd.
<http://piratetrade.ru>
Exchange trading company


Tasks

- Improvements of the trading engine
- Exchange log parsing and analysis
- Features implementing for a transaction logging software
- Development of a program for emulation an exchange
- Sending email to users of specialized sites
- Automatic exchange log downloading
- Using system of version control


Technologies

C++ C++ Standard Library Qt JavaScript jQuery HTML SVN

Higher education

 Pskov State University
2008 - 2013
Faculty of Informatics

Languages

 Russian — Native
English — Upper Intermediate

Contacts

 [LinkedIn profile](#)

 resivalex@gmail.com