Alexander Matsievsky

Software Engineer

Contact

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Location

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Professional Skills Summary

Back End: Go, Java, Node.js, OpenAPI, Python, TypeScript

Databases: Elasticsearch, GraphDB, Neo4j, PostgreSQL, RethinkDB, SQLite

Data Collection: Scrapy

Data Processing: BigQuery, dbt, Flink, Snowflake, Spark, Trino

Data Analysis: altair, DuckDB, Jupyter, pandas, sklearn

DevOps: Grafana, Terraform

Front End: Chrome Extensions, D3, React, RxJS, Vue.js

Cloud: Amazon Web Services, Docker, Google Cloud Platform, Kubernetes

Continuous Integration: CircleCI, Concourse, Travis

Work Experience

2022-08-24 to Present

Data Engineer at **Cooper (formerly SberMarket)**

SberMarket is the #1 e-grocery company in Russia providing consumers and businesses with convenient same-day delivery and click-and-collect services. The company operates a proprietary technology platform, connecting retailers, consumer packaged goods companies, and customers.

- Scala, Python, Spark, Trino, dbt, Airflow, DataHub
- Designed, developed and maintained data pipelines
- Designed and developed the data systems PoCs
- Supported and empowered ML engineers and analysts with data access and problem resolution
- Improved the data governance practices with DataHub, Trino audit log and Airflow log mining
- Troubleshooted the tricky low-level data infrastructure issues

2021-04-01 to 2022-07-01

Big Data Developer at **Grid Dynamics**

We accelerate digital transformation of Fortune-1000 US enterprises. We bring deep expertise in customer experience, data analytics, and cloud, powered by top global engineering talent, lean software development practices, and a high-performance product culture.

- Java, Python, Jupyter, Spark, Airflow, AWS Data Analytics stack, Google Data Engineer stack
- Designed, developed and maintained data pipelines
- Performed an exploratory data analysis of the ingestion datasets, including data visualization
- Designed, developed and maintained back end of custom Business Intelligence dashboard
- Handled deployment and certain DevOps responsibilities

2018-08-01 to 2021-04-01

Senior Python Developer at Zyte (formerly Scrapinghub)

For more than a decade, Zyte has led the way in building powerful, easy-to-use tools to collect, format, and deliver web data, quickly, dependably, and at scale. Today, over 3,000 companies and 1 million developers rely on our tools and services to get the data they need from the web.

- Python, Scrapy, Jupyter, pandas, sklearn, Spark, altair
- Designed, developed and maintained Scrapy web crawlers
- Reverse-engineered sites' JavaScript and network activity, e.g. SPAs, GraphQL, etc.
- Performed an extensive analysis of the scraped datasets, including data visualization
- Automated maintenance, monitoring and data quality assurance responsibilities
- Researched and developed ML solutions, when needed

2018-02-01 to 2019-12-01

Part-time Frontend Web Developer at Mr. Shoebox

Mr. Shoebox is a system that creates entirely new conditions for Entrepreneurs and bookkeeping agencies to communicate with each other quickly, clearly and easily.

- React, Redux, Go
- Developed and maintained several React SPAs for accounting
- Developed and maintained Go integration microservice

2017-02-01 to 2018-01-01

Back End Developer at Amperka

Amperka is a company that helps beginners and non-professionals create their own electronic devices.

- Node.js, Swagger, Neo4j, Kubernetes, Concourse
- Worked on xod.io – a visual programming language for microcontrollers
- Ruled over the entire back-end of the project
- Cloud-native microservices and REST APIs
- Cluster-wide CI/CD pipelines

2016-01-01 to 2017-01-01

Frontend Web Developer at Grabr

A trusted peer-to-peer community marketplace connecting shoppers and travelers all around the world.

- React, Redux
- Developed and maintained an SSR SPA serving 100K MAU worldwide
- Introduced Babel and PostCSS AST processing for the development pipeline

2014-03-01 to 2015-12-01

Full Stack Engineer at RCNTEC

RCNTEC ensures operation of telecommunication networks and information systems and helps hundreds of thousands of people all over the world work effectively.

- D3.js, RxJS, OrientDB, Docker
- Worked on an internal enterprise infrastructure management dashboard
- Single-handedly designed and implemented back- and front-end components
- Introduced containerization

2013-06-01 to 2014-01-01

Frontend Web Developer at Bookmate

Bookmate is a subscription based e-book service that makes reading accessible to anyone in the world with a mobile phone.

- Ruby on Rails, Backbone.js
- Developed and optimized an EPUB-reader SPA serving 700K MAU worldwide

2011-10-01 to 2013-06-01

Frontend Web Developer at Gridnine Systems

Gridnine Systems is an IT consultancy providing software development, internet solutions and IT services.

- Java, Backbone.js
- Worked on pososhok.ru, one of the major Russian airline sales sites as a junior front-end developer
- Automated bulk JSP i18n with Python-based pipeline

EDUCATION

2006-06-01 to 2011-06-01

National Research Nuclear University

- Specialist (MSc Computer Science equivalent): *Applied Mathematics and Informatics*

| 2010-06-01 TO 2013-06-01 | **National Research Nuclear University** |
| | • Specialist: *System Analysis and Management* |

LANGUAGES

| **English** | Full professional proficiency |
| **Russian** | Native speaker |

PROFILES

GitHub   Telegram   LinkedIn

PERSONAL

Data Engineering, Data Science, Data Visualization

Artificial Intelligence and Machine Learning, Graph Computing, Semantic Data Integration