

CURRICULUM VITAE

DMITRIY SEVKOVYCH



M.Sc. Mathematics

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C2

English

C2

German

C2

Russian

C1

Ukrainian

B2

French

Building software for startups. Can do maths, too...



RECENT PROJECTS

11.2023 **MACHINE LEARNING ENGINEER**
ONGOING **PART-TIME, FULLY REMOTE**

Bringing state-of-the-art artificial intelligence to an art shopping platform.

Main tasks

Multi-modal semantic search
Recommender system
REST services
Data migration
Deployment



OpenAI CLIP



Python



PyTorch



Elastic



TypeScript



React.js



Next.js

05.2022 **FULL-STACK DEVELOPER**
09.2023 **4 DAYS/WEEK, FULLY REMOTE**

Improving point-of-sale applications for an international retailer company.

Main tasks

Architectural restructuring of existing services.
Improving test coverage and monitoring.
Implementing new microservices.
Implementing playbooks for cashbox orchestration.
Compliance with high availability requirements.
Compliance with fiscal regulations.



Java



Kotlin



Gradle



Spring Boot



Gitlab CI



MySQL



Ansible

12.2020 **BACKEND- & DEVOPS-ENGINEER**
04.2022 **FULL-TIME, FULLY REMOTE**

Building real-time ETL pipelines for heterogenous data with Kafka and Kafka Streams. Responsibilities:

Main tasks

Improving memory and I/O footprint of the software.
Fine-tuning Kafka cluster.
Task automation through shell scripting.
Support with container orchestration.
Infrastructure support (on premises and AWS EC2).
Mentoring junior devs.



Kafka



Java 8



PostgreSQL



Docker



Linux



Bash



Python

07.2019 **FULL-STACK DEVELOPER**
08.2020 **FULL-TIME, ON-SITE IN STUTTGART**

Development of a new release for an enterprise-scale Java EE web application. Responsibilities:

Main tasks

Software architecture.
Implementation of REST services and clients.
Database functions and ad-hoc analysis.
Implementation of test suites.



Java EE



REST/Swagger



PostgreSQL



Gradle



Jenkins



Linux



BDD/TDD

EDUCATION

10.2014 - 04.2017
M.SC. MATHEMATICS, UNIVERSITY OF STUTTGART

Focus

Statistical learning theory
Differential equations & dynamic systems

Minor

Physics

Thesis

'Travelling Waves for a Two-Phase Problem in Compressible Hydrodynamics' - very good

Overall grade

good

10.2010 - 07.2014
B.SC. MATHEMATICS, UNIVERSITY OF STUTTGART

Focus

Probability theory & statistics
Numerical analysis

Minor

Economics

Thesis

'Isotropic Gaussian Fields on a Sphere' - excellent

Overall grade

good

I DO...



Java



JavaScript



SQL



Python



Bash



C++



C#



Mojo

VISIT DMITRIY.SEVKOVYCH.COM FOR MORE INFORMATION