

C U R R I C U L U M V I T A E

D M I T R I Y S E V K O V Y C H



M.Sc. Mathematics

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C2

English

C2

German

C2

Russian

C1

Ukrainian

B2

French

Full-stack dev + DevOps + Machine Learning + Mathematics



RECENT PROJECTS

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

01.2022 CO-FOUNDER, DEVELOPER
03.2023 PART-TIME, STUTTGART

Building a startup that provides assistance with German consumer laws and regulations.

Main tasks

Mapping legal regulations to software models.
Generation of product declarations.
Compliance with German law and regulations.
Building an online platform for customers.



Compliance



Python



TypeScript



Next.js



Bash



SQLite

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

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