

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

E-Mail: dmitriy@sevkovych.com

Website: dmitriy.sevkovych.com

C2

English

C2

German

C2

Russian

C1

Ukrainian

B2

French

Full-stack dev + DevOps + Machine Learning + Mathematics



RECENT PROJECTS

05.2022 **FULL-STACK DEVELOPER**
ONGOING **PART-TIME, FULLY REMOTE**

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



Java

- Architectural restructuring of existing backend services
- Implementation of new backend microservices
- Implementation of mobile and web apps
- Compliance with high availability requirements
- Compliance with fiscal regulations



Kotlin



Spring Boot



Gradle



TypeScript



React



Gitlab CI

01.2022 **CO-FOUNDER, DEVELOPER**
ONGOING **PART-TIME, STUTTGART**

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



Compliance

- Mapping legal regulations to software models.
- Automating business tasks in compliance with the German law.
- Building an online platform for customers.



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:



Kafka

- 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.



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:



Java EE

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



REST/Swagger



PostgreSQL



Gradle



Jenkins



Linux



BDD/TDD

EDUCATION

10.2014 - 04.2017
M.SC. MATHEMATICS
UNIVERSITY OF STUTTGART

Focus Learning theory
Differential equations
Dynamic systems
Numerical methods for PDEs

Minor Physics

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

Overall good
grade

10.2010 - 07.2014
B.SC. MATHEMATICS
UNIVERSITY OF STUTTGART

Focus Probability theory
Statistics
Stochastic processes
Numerical analysis

Minor Economics

Thesis 'Isotropic Gaussian Fields on a Sphere' - excellent

Overall good
grade

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FOR MORE INFORMATION

