

# 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

12.2020 **BACKEND- & DEVOPS-ENGINEER**  
12.2021 **40H/WEEK, 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.  
Introducing testing best-practices.  
Setting up continuous integration.  
Mentoring junior devs.



Java 8



Docker



PostgreSQL



Linux



Bash



Python

07.2019 **FULL-STACK JAVA EE DEVELOPER**  
08.2020 **40H/WEEK, 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

09.2019 **FRONTEND DEVELOPER**  
05.2020 **<16H/WEEK, REMOTE**

Creation of a mobile app for a healthy nutrition startup. Responsibilities:



React-Native

Frontend development  
Participation in user interface design  
Participation in backend development



TypeScript



CSS3



MongoDB



REST



Firebase



Git

07.2017 **SYSTEMS ENGINEER**  
05.2019 **TWT GMBH (FULL-TIME EMPLOYEE)**

Participation in multiple industrial and research projects. Responsibilities:



Python

Evaluation of engine control units data.  
Software development, partly as lead.  
Implementation of outlier detection mechanisms.  
Customer consultation in applied statistics.



Java 8



C#



R



Jenkins



SQLite



Git

## 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 grade** good

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 grade** good

VISIT [DMITRIY.SEVKOVYCH.COM](http://DMITRIY.SEVKOVYCH.COM)  
FOR MORE INFORMATION

## TECHY LANGUAGES



Java



JavaScript



SQL



Python



C#



C++



Bash

Need something else?  
I'll learn it!