CURRICULUM VITAE

DMITRIY SEVKOVYCH

M.Sc. Mathematics

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C2	C2	C2	C1	B2
English	German	Russian	Ukrainian	French

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

RECENT PROJECTS

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

Responsible for all backend and AI components of an artwork shopping platform.

OpenAI

Main tasks

- Multi-modal semantic search
- Recommender system
- REST services
- Data migration
- Containerization and deployment
- Monitoring

Python, PyTorch, TypeScript, React.js, Kubernetes, AWS

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

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

Java

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.

Kotlin, Gradle, Spring Boot, Gitlab CI, MySQL, Ansible

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

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

Kafka

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.

Java 8, PostgreSQL, Docker, Linux, Bash, Python

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

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

Java EE

Main tasks

- 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	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, TypeScript, SQL, Python, Bash, C++, C#, Mojo

VISIT DMITRIY.SEVKOVYCH.COM FOR MORE INFORMATION