

EDUCATION

- Siberian State University of Telecommunications and Information Sciences**

Novosibirsk, Russia

M.S., Computer Science and Computer Engineering (Computers, complexes, systems and networks)

Sep 2016 — Jun 2018
- Siberian State University of Telecommunications and Information Sciences**

Novosibirsk, Russia

B.S., Computer Science and Computer Engineering (Computers, complexes, systems and networks)

Sep 2012 — Jun 2016

EXPERIENCE

- Sberbank**

Novosibirsk, Russia (remote)

Kotlin Developer / DevOps

Oct 2021 — Current

 - Domclick:** Service that helps to find, sell, purchase and lease residential and commercial properties, as well as to apply for and service mortgage loans issued by Sberbank. Implemented about half of the back-end logic of a brand new service called Sberprime (similar to this <https://sberprime.sber.ru/> but simpler).

Kotlin Spring Gradle PostgreSQL RabbitMQ Docker Git k8s ELK Camunda
- Eltex Enterprise Ltd**

Novosibirsk, Russia (remote)

Software Engineer II

Jul 2020 — Oct 2021

 - ECCM:** Participated in development of software solution for monitoring and managing network devices manufactured by Eltex. I was mainly responsible for troubleshooting, code reviews, internal meetups organization etc. Few of my accomplishments: within a team of two implemented a monitoring service from scratch, which significantly reduced the network scan process - from more than a minute to a couple of seconds; worked on a plan and technical aspects of licensing the software we developed - from the research stage to a fully working service; provided several "HOW-TO"-s such as how to write clean & easy to read unit- and integration tests, or how to organize your code in services, apply different code techniques, patterns etc. Vast experience of working remotely.

Kotlin Python Go Spring Gradle PostgreSQL RabbitMQ gRPC Protobuf Docker Linux Git
- Center of Financial Technologies**

Novosibirsk, Russia

Software Developer / Software Designer

Aug 2019 — Jul 2020

 - AML:** The Anti-Money Laundering system designed to predict customer behavior and identify suspicious transactions in banks. The project had a microservices-based architecture and intended to work with big data under high load. I took part in designing new product features, engaged in research activities, involved in troubleshooting, code refactoring, code reviews, staff training and many other things. Here I solved several significant tasks for banks like Gazprombank and Uralsib, e.g. optimized few database entities & queries for ArangoDB that reasonably reduced the data gathering speed, and implemented an XML parser for specific bank lists. Business trips and remote working experience.

Kotlin Python Java Spring Maven PostgreSQL ArangoDB ClickHouse Kafka REST Docker Git
- Eltex Enterprise Ltd**

Novosibirsk, Russia

Embedded Software Engineer III

Jan 2019 — Aug 2019

 - ME5K:** Worked on software components of multi-functional IP/MPLS routers. I implemented a routes installation service (main board) and supplied it with fault tolerance logic (backup board). Secondly, I created a piece of software injected in the initramfs for file system modification check and error recovery control. I also improved a resource management service written in Python.

C Python SQLite Docker Linux Git TCP/IP
- Siberian State University of Telecommunications and Information Sciences**

Novosibirsk, Russia

Teacher Assistant

Feb 2018 — Jun 2018

 - Pedagogical practice:** I gave to students fundamental knowledge of how to work in Linux environment, use main Linux commands and write basic shell scripts. I also provided the information about Linux internals and briefly explained things like device drivers, IPC, I/O devices, memory management, networking etc.
- Friday's Games**

Novosibirsk, Russia

Intern / Jr. C++ Developer

Oct 2017 — Dec 2017

 - Farmscapes:** Three in a Row "Gardenscapes"-like game. During the internship I got my first teamwork experience, learned basics of C++ programming and OOP principles. My responsibilities were related to UI & map editor enhancements.

KEY SKILLS

- ★ **Programming Languages:** Kotlin (predominantly), Python, C
- ★ **Databases:** PostgreSQL
- ★ **Frameworks:** Spring (Boot, Data), Hibernate, JUnit/MockK+AssertJ
- ★ **Infrastructure:** Docker, Git, Linux, TCP/IP
- ★ **Common:** Algorithms & Data Structures, Asynchronous Programming, Microservices, Multithreading, Object-Oriented Programming, Software Development, Software Licensing, Unit & Integration Testing

LANGUAGES

Russian (Native), English (B1/B2 - Intermediate)