

## 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**: 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

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- ★ **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

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