

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

- Eltex Enterprise Ltd**

Novosibirsk, Russia

Software Engineer II

Jul 2020 — Current

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

Kotlin

Python

Go

Spring

Gradle

PostgreSQL

RabbitMQ

gRPC

Zabbix

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 such banks as 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. And lastly, I gained an experience in business trips and remote working.

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). Then 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 talked about 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)