

EXPERIENCE

- Sberbank** Novosibirsk, Russia (remote)
Kotlin Developer / DevOps Oct 2021 — present
 - **Domclick**: The real estate search service with approximately 20M MAU (in Q1 2022). Implemented about 60% of the back-end logic of a brand new service (similar to this <https://sberprime.sber.ru/> but simpler). Created the code style guidance. Conducted internal meetup on how to write clean and easy to read unit tests.

Kotlin Spring Gradle PostgreSQL RabbitMQ Docker Git k8s ELK Camunda
- Eltex Enterprise Ltd** Novosibirsk, Russia (remote)
Software Engineer II Jul 2020 — Oct 2021
 - **ECCM**: The software solution for monitoring and managing network devices manufactured by Eltex. 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. Was responsible for troubleshooting, code review, conducted several internal meetups (unit tests, Kotlin tips etc).

Kotlin Python Go Spring Gradle PostgreSQL RabbitMQ gRPC Protobuf Docker Linux Git
- Center of Financial Technologies** Novosibirsk, Russia
Software Developer 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. Took part in designing new product features, engaged in research activities. Solved several significant tasks for Gazprombank (approx 5M individuals) and Uralsib (approx 2M individuals), e.g. optimized few database entities and queries for ArangoDB that reasonably reduced the data gathering speed. Was also responsible for troubleshooting, code refactoring and code review.

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. Implemented a routes installation service (main board) and supplied it with fault tolerance logic (backup board). Created a piece of software injected in the initramfs for file system modification check and error recovery control. 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.

C Shell Script Linux TCP/IP
- Friday's Games** Novosibirsk, Russia
Intern / Jr. C++ Developer Oct 2017 — Dec 2017
 - **Farmscapes**: 3-in-a-row mobile game. During the internship I got my first teamwork experience, learned basics of C++ programming and OOP principles. My responsibilities were related to UI and map editor enhancements.

C++ SVN

EDUCATION

- Siberian State University of Telecommunications and Information Sciences** Novosibirsk, Russia
M.S., Computer Science and Computer Engineering (Computers, complexes, systems and networks) Sep 2012 — Jun 2018

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)