

# Oleg Lobanov

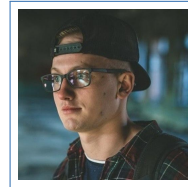
## Senior Software Developer

Saint Petersburg, Russia

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in nikadim53



### Skills

Languages	Java, Kotlin, Python, SQL, Bash
Libraries & Frameworks	Spring Framework (Boot, webflux, security, data), Netty kotlinx.coroutines, java.util.concurrent, JDBC, JAsync
Databases	Cassandra, CockroachDB, PostgreSQL, YDB
DevOps, Cloud	GitlabCI, Docker, Kubernetes, Helm
Test	JUnit, Testcontainers
Other	Kafka, Gradle, Bazel, REST, Microservices, Distributed Systems, gRPC

### Languages

Russian	Native
English	B2

### Software Development Experience

April 2020 - Present	<b>Junior Software Developer → Senior Software Developer, CRPT, St. Petersburg, Russia</b> Responsible for development and support core services of National marking system. System daily emits up to 1 billion of codes and provide codes check at 20K RPS rate <ul style="list-style-type: none"><li>○ Develop highload system which distributed across the Country</li><li>○ Participate in discussions and development of system architecture</li><li>○ Collaborate with clients to gather and refine requirements for new features</li><li>○ Initiate and lead large-scale refactorings</li><li>○ Explore and adopt new technologies and approaches</li><li>○ Share case studies on experience of implementation</li></ul>
08/2023 - Present	<b>Senior Software Developer</b> <ul style="list-style-type: none"><li>○ Developed geographically distributed subsystem of codes authenticity checking</li><li>○ Increased emission daily throughput from 500 mln to 1 bln</li><li>○ Speed up billing subsystem performance for 100%</li></ul>
10/2021 - 08/2023	<b>Software Developer</b> <ul style="list-style-type: none"><li>○ Implemented CI/CD pipeline generation for monorepository</li><li>○ Adopted HPA for services with different workload</li></ul>
04/2020 - 10/2021	<b>Junior Software Developer</b> <ul style="list-style-type: none"><li>○ Take part in development and provide migration on new billing and emission subsystems</li><li>○ Integrated with foreign, government, accounting and cryptographic information systems</li><li>○ Applied patch for Netty-based database driver for better CockroachDB balancing</li></ul>
October 2019 - March 2020	<b>Java Junior Developer, Sleki, St. Petersburg, Russia</b> Developed microservices for social application

### Education

2019–2021	<b>M.Sc. in Information systems and technologies, St. Petersburg State University of Telecommunications, St. Petersburg, Russia, with honours</b> Studied machine learning approaches and software development management
2015–2019	<b>B.Sc. in Aviation meteorology, Russian Hydrometeorological State University, St. Petersburg, Russia, with honours</b> Studied under the WMO program in english language, was interested in hydrodynamic modeling