

# Veniamin Novikov

Software Engineer

## PERSONAL INFO

### Location

Kyiv, Ukraine, EEST/UTC+3

### E-mail

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### GitHub

<https://github.com/VeniaminNovikov>

**Skype** veniaminii

## TECH STACK

- Java 8, 11, 17
- Spring Boot, Cloud, Data, Security, MVC, WebFlux
- SQL databases, MongoDB
- JPA, Hibernate, Flyway/Liquibase
- JWT, OAuth2, Keycloak, Mirteld OpenId access management servers
- AWS SDK, Swift JOSS
- Internet payment gateways
- Twilio and SendGrid APIs
- Kafka messaging and event sourcing
- Logging and tracing with Elasticsearch/Logstash/Kibana
- JUnit, Mockito, AssertJ, Hamcrest, Jmeter, SonarQube
- RESTful APIs, Open API/Swagger
- Maven, Gradle
- Agile, Scrum, Kanban, Jira
- Git, GitHub, Bitbucket
- Jenkins, Travis, CI/CD, Linux operations

## LANGUAGES

English – proficient

Spanish – intermediate

Russian and Ukrainian – native

Over the last years I have been working with Java and Spring based microservices, now for a North American company, leading in their segment. I worked on legacy code debugging, fixing and refactoring, researched and implemented new features, designed and built numerous services from scratch.

As an enthusiast of clean, maintainable and test driven code, who pays attention to details and follows through the recent industry trends and best practices, I am accustomed to working in close cooperation with the management, architects, all of my colleagues to solve any problem that may arise, should it be a quick bug fix or a vital business solution delivery.

Proactive and result oriented professional.

## Latest Challenges and Solutions

- I researched and designed improvements to the enterprise security; to isolate internal services from external access I implemented a custom Spring Cloud Gateway and integrated it with Keycloak SSO servers, resulting in a single API entry point that has been created;
- designed and implemented CQRS services using standard Spring tools and Kafka messaging;
- rebuilt Kafka based internal audit framework, standardizing and arranging multiple message formats, linked it to the ELK logging system;
- designed and coded secure interactions with internet payment gateways (Authorized.net, Google Pay, Apple Pay, PayPal etc);
- created specific mailing and push messaging services integrated with SendGrid and Twilio;
- integrated various cloud storage providers (AWS S3, Swift Stack, Dell-ECS, Expedient, Cohesity etc).

## Past Experience

Since 2017 – Software consultant and Java developer mainly focused on Spring framework projects.

May 2015 – Dec 2017. Software developer, analyst: surveying data estimation, statistical modeling and visualization, industry specific software adaptation and development (R and Java); application design and implementation

Aug 2012 – May 2015. Analyst in projects evaluation: Analysis of client projects for financial and risk management; modeling, prototyping and visualization with R.

- Before that I worked as a system administrator, analyst, project manager, software developer (C, VB, Visual FoxPro, dBase, Microsoft stack), ran my own businesses.

- Main contributor and team lead in [an educational Open Source project](#).

## Education

National Technical University of Ukraine 'Kyiv Polytechnic Institute' – Bachelor's degree in Computer Science.

Kyiv National Linguistic University – English and Spanish Languages, Specialist (Master's degree), with distinction.