

Veniamin Novikov

Software Engineer

PERSONAL INFO

Location

Kyiv, Ukraine, EEST/UTC+3

E-mail

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GitHub

<https://github.com/benkoff>

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TECH STACK

- Java 8, 11
- 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.

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

- initiated and implemented redesign of the enterprise environment security;
- built a single entry point to the company internal services providing a specific Spring Cloud Gateway realization;
- rebuilt Kafka based audit framework, standardizing and arranging multiple message formats, linked it to the ELK logging system;
- designed and coded secure interactions with various internet payment gateways (Finix, Authorized.net, etc);
- created specific mailing and push message services;
- tested and integrated various cloud storage providers (AWS S3, Swift Stack, Dell-ECS, Expedient, Cohesity ...);
- researched, designed and coded changes required to transit secure data storage to PCI-DSS standards.

Past Experience

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

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

Aug 2012 – May 2015. Quantitative analyst in projects evaluation: application of statistical methods to financial and risk management; modeling 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.