

# Veniamin Novikov

Software Engineer

## ***April 2019 – now***

Project: Online Parking and enterprise infrastructure development

Teams: 20+ persons

Positions: Software Engineer, Lead Developer

- Analysis of requirements, tasks preparation;
- Applications and system design;
- Research and integration of solutions provided by third parties and services;
- Code debugging, fixing and refactoring, new features implementation;
- Building and monitoring microservices;
- Mentoring and peer reviewing;
- Participation in daily scrum activities, grooming and planning sessions, reviews.

Tech stack: Spring Boot, WebFlux, Spring Data, Cloud, Security, Keycloak, OpenId Connect, MongoDB, MySQL, Flyway, AWS SDK, Swift Stack, Kafka, Elasticsearch-Logstash-Kibana, Dynatrace, Jenkins, Jira, Bitbucket, Maven

## ***December 2017 – March 2019***

Project: Online education management startup

Team: 5+ persons

Positions: Software Engineer, Team Lead

- Analysis of client's workflow, requirements gathering and documentation;
- Creation of tasks for developers based on client's user stories;
- Application design and implementation;
- Mentoring, reviewing pull requests;
- Merging, building and monitoring applications;
- Virtual private server administration;
- Participation in daily meetings, scrum sessions, sprint reviews.

Tech stack: Spring Boot, MVC, Data, Security, Javascript, Thymeleaf, Bootstrap, PostgreSQL, Hibernate, Liquibase, GitHub, Travis, Maven, \*nix server operations

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## ***May 2015 – December 2017***

Project: Construction surveying management system

Team: 10+ persons

Positions: Software Engineer, Analyst

- Construction surveying business requirements gathering and documentation;
- Data processing, modeling and visualization using R and Shiny;
- Design, coding and testing of Java libraries for R;
- Integration of company infrastructure with industry specific software using Java;
- Application design and implementation;
- Participation in meetings, peer reviews.

Tech stack: R, Shiny, Java, Spring Boot, Javascript, MongoDB.

## ***August 2012 - May 2015***

Projects: Quantitative analysis in projects evaluation

Position: Financial analyst

- Analysis of client projects for financial and risk management;
- Performing analyses and POC coding tasks in R;
- Modeling, prototyping and visualization with R and Microsoft Office tools;
- Generation of requirement documentation for software developers;
- Presentation and interpretation of models to senior management and clients;
- Participation in meetings and collaboration with managers, mathematicians and software engineers to develop optimal strategies and practices.

Tech stack: R, Visual Basic, Microsoft Office tools, company custom software.

## ***Before August 2012***

I worked as a system administrator (\*nix, Microsoft), analyst, project manager, developed software using VB, Visual FoxPro, Microsoft tech stack, ran my own business.

September, 2022