Vladimir Veselov

[vladimir.veselov@phystech.edu](mailto:vladimir.veselov@phystech.edu)

+7 964 589 9326

Telegram: @v1690117

CAREER PROFILE

Implemented projects alone and in a team. Developed backend, frontend, architecture. Led cross-functional development teams, delivering complex applications in construction planning, document management, and information management systems.  
Not tied to specific technology and eager to explore new tools and approaches.

EXPERIENCES

2023 – present Team Lead

IGA Technologies, Moscow

Managed a 4-member team creating Classification System for the customer. Results:

* built an architecture for the system,
* developed backend services,
* implemented an approach to describe the system architecture as code using C4 and PlantUML.

**Stack:** Microservices, Java 17, Spring Boot, PostgreSQL, Kafka, React, Typescript, Docker, Gitlab CI.

2022 - 2023 Backend team lead

IGA Technologies, Moscow

The team developed the system that helps to plan, approve and provide inspections of building construction. Achievements:

* designed an architecture of the system, backend and libraries to simplify database interaction process,
* directed a process of reviewing the development results to compile a library of components to be used in other projects.

**Stack:** Microservices, Java 11, Spring Boot, PostgreSQL, Kafka, React, Typescript, Docker, Gitlab CI.

2022 Fullstack Team Lead

IGA Technologies, Moscow

Developed new module Electronic Document Management for formal process of the documentation release. Highlights:

* established the CI/CD approach to the customer thereby increasing the frequency of releases by 5 times,
* separated 2 business and 1 technical services from big monolith,
* implemented team member performance reviews.

**Stack:** Monolithic Architecture, 3DEXPERIENCE R2021x, Java 11, Spring Boot, React, Typescript.

2018-2022 Fullstack Team Lead

IGA Technologies, Moscow

Produced Information Management System for company leading NPPA construction project.  
Significant experience:

* built team of 15 developers from scratch,
* introduced static analyzers into the development process,
* implemented CI/CD approach to the project,
* introduced docker to the development process.

**Stack:** Monolithic Architecture for business logic + small technical services, 3DEXPERIENCE R2021x, Java 11, Java EE, Spring Boot, ActiveMQ Artemis, React, Typescript, Gitlab CI.

2018 Fullstack Developer

IGA Technologies, Moscow

Developed new module to automate Change process of engineering models. Interesting experience:

* implemented first end-to-end integration test,
* introduced React framework to the company,
* moved server logic from JSP and Servlets to JaxRS.

**Stack:** Monolithic Architecture, 3DEXPERIENCE R2019x, Java 8, Java EE, React.

2016-2018 Backend Developer

IGA Technologies, Moscow

Prepared line of Information Management Systems for 4 NPPA. During the project I

* introduced Gitlab to the company and migrated all projects from remote SVN server,
* configured Gitlab CI servers and implemented CI jobs for compiling backend and running tests.

**Stack:** Monolithic Architecture, 3DEXPERIENCE R2015x, Java 8

2016 Junior Backend Developer

IGA Technologies, Moscow

Created system for warehouse to register all income and outcome of assets.  
I developed a plugin for Intellij IDEA that sped up data model development at least 10 times and allowed to add configuration data to control version system.

**Stack:** Monolithic Architecture, 3DEXPERIENCE R2015x, Java 8

2014-2016 Junior researcher

FSUE TsAGI, Moscow

* optimized algorithms to control trim systems for boats and plane models,
* redesigned system that collected data from analog and digital sensors during tests of the hydrodynamic configuration of the sea-based planes.

**Stack:** NI LabVIEW, Arduino, C++, Matlab, Python

## Education

2014-2016 MSc in Applied Mathematics and Physics

Moscow Institute of Physics and Technology

2010-2014 BSc in Applied Mathematics and Physics

Moscow Institute of Physics and Technology

## Languages

### - English (Professional)

### - Russian (Native)

## SKILLS & PROFICIENCY

### Java, Spring, JavaEE, Javascript, React, PostgreSQL, Microservices, Gitlab CI, Docker, PlantUML/C4