

Ruslan Lomaka

has successfully completed  
Java developer course at GoIT

# Certificate

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CEO of GoIT



Unique ID  
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## Supplement to Java developer course certificate

### General information

**Soft Skills**

2 classes  
4 hours

**Java Core**

13 classes  
52 hours  
13 assignments on Tech Skills

2 team projects

**Java Developer**

19 classes  
76 hours  
19 assignments on Tech Skills

**Career Skills**

1 class  
2 hours  
3 assignments on Career Skills

Total hours: 154

## Supplement to Java developer course certificate

### Java core units

- Module 1.** Overview of the Java language, introduction to Git
- Module 2.** Variables, data types, operators
- Module 3.** Arrays, conditions, input from the console
- Module 4.** Cycles
- Module 5.** OOP, classes, methods
- Module 6.** Constructor, initialization blocks, internal classes
- Module 7.** Working with lines. Immutable objects
- Module 8.** Interfaces and enumeration
- Module 9.** Generics and collections
- Module 10.** Input-output streams. Work with files
- Module 11.** Functional programming, Stream API
- Module 12.** Multithreading
- Module 13.** Web, protocols

### Java Developer units

- Module 1.** Collection and dependency management systems
- Module 2.** Code Quality
- Module 3.** Unit tests
- Module 4.** Relational DBMS. The SQL language
- Module 5.** Algorithm Complexity
- Module 6.** Basics of JDBC
- Module 7.** Advanced work with JDBC
- Module 8.** CRUD, database migrations
- Module 9.** Client-server architecture, HTTP protocol
- Module 10.** Servlets - basics
- Module 11.** Servlets - Cookies, Templates, Front Controller
- Module 12.** Introduction to REST API
- Module 13.** ORM. Hibernate
- Module 14.** Hibernate Entity Mapping. HQL
- Module 15.** Spring Boot - Core
- Module 16.** Spring Boot - MVC
- Module 17.** Spring Boot - Data
- Module 18.** Spring Boot - Security
- Module 19.** CI/CD