

ALEXANDR PETROVICH

JAVA DEVELOPER



CONTACT INFO

Location:

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Projects:

- [CNC programs storage](#)
- [Bill generator](#)
- [Employee sort](#)

Google disk:

- [Innovation project for OJSC „BELAZ“](#)
- [NC program \(G-code\)](#)

LANGUAGES

English – **B1** (intermediate, in progress)
Polish – **A1** (beginner)

INTERESTS

- Reading:
 - Bruce Eckel – Thinking in Java;
 - Robert Lafore – Data Structures and Algorithms in Java;
- Chess playing;
- Banya.

SUMMARY

A hardworking Java back-end developer is looking for a chance to advance his career. While performing my primary duties as a CNC programmer, continue honing my Java programming skills through designing apps and theoretical studying.

Convinced that my previous technical experience in CNC machine adjustment will help me master a new specialty as well as become a reliable member of the team, growing into a confident professional developer in a year-two.

I'm used to reading tech documentation to get to the bottom of a problem. A detail-oriented individual who is at comfortable in uncertain situations, also don't hesitate to look at other people's code. Capable of:

- working unsupervised and independently without unnecessary anxiety of colleagues on minor occasions;
- using my empathy to foster working relationships with colleagues of different personality types.

SKILL HIGHLIGHTS

- | | | |
|------------------|---------------------|-----------------|
| • Git | • JavaFX | • Hibernate |
| • HTML, CSS | • JDBC | • Maven, Gradle |
| • Servlets, JSP | • MySQL, PostgreSQL | |
| • JUnit, Mockito | • Spring Framework | |

EXPERIENCE

Bill generator

Dec. 2022

The developed application allows generating an imitation of a store check with list of products. The input data is a set of parameters as product id and its quantity, plus discount card number. Result of working application is printed bill to console or to a file. (**PostgreSQL, MySQL, JDBC, JUnit, Gradle**).

Employee sort

Sep. 2022 – Oct. 2022

The application displays a list of employees stored in the database and allows you to filter the list based on a text query and an element selected from the drop-down list (id, personnel number, first name, surname) by which the filtering is performed. (**JavaFX, MySQL, JDBC, Maven**).

CNC programs storage

Nov. 2020 – Mar. 2021

A web application is designed using the MVC Design Pattern and applying rendering web pages with JSP technology. The service enables to store in database text programs, created for CNC machines. The opportunity to submit program appears through employee registration with the following authorization. The app is multilingual and supports two languages. Added the feature to manage site by administrator. Application code is covered with tests. (**Servlets, HTML, CSS, JSP, MySQL, JUnit, Mockito, Maven**).

OJSC „BELAZ“ – Management Company of „BELAZ-HOLDING“**CNC programmer:**

May 2011 – present

- launched a CNC lathe machine for seal manufacturing and put more than 12 types of fluoroplastic seals into production by collaborating with the DMH SYSTEM employee. Taught myself to apply DMH CAM software for automatic designating CNC programs. Implementation allowed the company to produce its own products according to the import substitution policy;
- wrote non-standard surface milling G-code cycle for Mitsubishi M70 CNC control systems using parametric programming. It thus decreased the milling process time for flat surfaces;
- reduced program development time by educating myself to design uncomplicated types of parts in 3D (using "КОМПАС-3D" CAD software) in order to improve the visibility of the production parts;
- took 2nd place in the innovation and rationalization ideas competition, proposing to automate the process of submitting and receiving NC programs for CNC machines using a Java-developed web application.

EDUCATION

Courses:

- | | |
|---|-----------------------|
| • EPAM Systems – Java web development; | Nov. 2021 – Apr. 2022 |
| • IT-Academy – Technologies for developing enterprise solutions in Java (Java EE); | Jun. 2021 – Oct. 2022 |
| • IT-Academy – Java programming (Java core). | Nov. 2020 – Feb. 2021 |

Higher education:

- | | |
|---|-------------|
| • The Belarusian State University – Law Faculty; | 2014 – 2018 |
| • The Institute of Parliamentarism and Entrepreneurships – Political sciences. | 2008 – 2014 |