

IVAN NESTEROV

+7 (963) 575-8640 ◇ St.Petersburg, Russian Federation
nesterov.iv2018@gmail.com ◇ github.com/nesterrovv ◇ t.me/nesterrovv

OBJECTIVE

Java developer with about 2 years of enterprise and freelance development, tutor experience, looking for a full-time or a part-time role of back-end developer.

EXPERIENCE

Java Developer in the fintech company "New Athena"

May 2023 - Aug 2023

- Architected and executed 2 bank reporting features, utilizing gRPC to collate data from multiple microservices and constructing a REST-based frontend, enabling bank employees to generate customized PDF, XLS, and DOCX reports effortlessly
- Delivered approximately 30% of core functionality for a new microservice, aligning with provided technical specifications
- Elevated test coverage of 5 operational microservices by an average of 40% using JUnit and Mockito
- Participated in presenting accomplishments of 3 Agile-sprints to clients from the TOP-10 banks in Russia

Freelance Developer and Java tutor

Sep 2021 - May 2023

- Developed solutions for clients from Vietnam, Argentina, Russia, and Kazakhstan.
- Assisted students from 5 Russian universities in project development. Enhanced code readability through efficient decomposition, leading to a reduction of project failures by over 50%.
- Mentored diverse students aged 12 to 45, providing customized curriculum and achieving 100% positive feedback.

PROJECTS

Collection Manager. Created a UDP-based terminal client-server app for interactive object collection management. Utilized JDBC for data storage and PostgreSQL interaction, incorporating concurrency and authorization. ([GitHub](#))

Delivery App. Engineered a dual-authorization Spring Boot app using REST architecture. Introduced a strategic courier rating system and leveraged PostgreSQL with optimized schema and BCNF normalization. Collaborated on frontend development. ([GitHub](#))

Ubuntu Driver. Developed an Ubuntu kernel driver for terminal commands *pmap* and *ifconfig*, employing *debugfs* for kernel-user data exchange. ([GitHub](#))

Genetic Age Prediction. Led a genetic project at Sirius Educational Center, enhancing neural network accuracy for human age prediction using DNA samples. Devised a groundbreaking training algorithm that reduced prediction error from 10-16 years to 2-4.5 years. Presented the project to acclaim and explained my segment to the jury. Details available on the [educational center's website](#).

SKILLS

Hard Skills	Java SE (Java Core, OOP, Collections Framework, Stream API, Networks, Concurrency)
	Jakarta EE (Servlets, JSP, JSF, Beans)
Soft Skills	Spring Framework (Spring Core, Beans, Spring MVC, Spring Boot, Spring Data)
	Maven, REST, gRPC, STP, Git, JDBC, JPA, SQL, PostgreSQL, microservices, JUnit, Mockito
	Public speaking skills at the all-Russian level scientific conferences, Organizing the Agile working process of the team in Jira, Team development via SCRUM

EDUCATION

Bachelor of Computer Science, ITMO University

Expected 2024

GPA: 4.6 out of 5.0 possible