

# Andrey Mironov

## Java Developer

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I'm an enthusiastic Java developer with a background in core mathematics.

Love to solve business problems, write clean and performant code with good test coverage, including both unit and integration tests.

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[github.com/andreymironovdev](https://github.com/andreymironovdev)

[leetcode.com/andreymironovdev](https://leetcode.com/andreymironovdev)

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### Skills

Java 8-17, Gradle, Spring Boot 2-3, Spring Security, Spring Cloud, JUnit 5, Testcontainers;

PostgreSQL, Kafka, Linux, Bash, Git;

Frontend: Javascript, React, HTML, CSS;

CI/CD: Docker, Kubernetes, Jenkins;

Languages: English - B2, Russian - Native;

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### Experience

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#### Saint Petersburg Information and Analytical Center / Lead Developer

June 2019 - Present, Saint-Petersburg

Developing a BI platform application. My achievements:

- Implemented refreshing data on UI through Websockets and Kafka, which led to improved user experience;
- Module responsible for auditing user actions. Made system changes more transparent;
- Widget responsible for displaying data on Yandex Maps;
- Custom Gradle plugins for our microservices and libraries. Reduced the boilerplate code size and made microservices more manageable;
- Spring Cloud Dataflow client module responsible for custom data conveyors;
- Integration with Dremio data lake;
- Airflow DAGs for data integration scheduling;
- Spring Security OAuth usage. Custom Spring Boot starter reduced an amount of code in resource servers;
- Modules responsible for data integration and data integration journaling;

#### Kilko / Junior Full-Stack Developer

December 2017 - April 2019, Saint Petersburg

IT department on instrument making plant.

- Implemented geomarketing web application. Essentially it was a ETL process from Yandex Maps API to PostgreSQL. Technologies - Spring Boot and PostgreSQL on the backend, React and Yandex Maps on frontend.
- Implemented SCADA system. Technologies - Angular 6 on frontend, Spring Boot on backend.

### **Baltbet / Data Analyst**

April 2016 - November 2017, Saint Petersburg

Improved event monitoring by custom data selections and SQL stored procedures.

### **GlobalFreelance.ua, Profi.ru / Freelance coach and developer**

December 2011 - June 2019, Saint Petersburg

Helped students to realize and solve their math and programming problems. Had positive reviews.

<https://spb.profi.ru/profile/MironovAV/>

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## **Education**

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### **Saint Petersburg State University, Mathematics and Mechanics**

**Faculty, Probability Theory and Statistics Department / Specialist**

September 2007 - June 2012, Saint-Petersburg