# Ilya Rakin

*Software Engineer*

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**in** irakin
Helsinki, Finland

## Summary

Software Engineer with experience in backend development and data analytics. Skilled in Java, Spring Boot, SQL, Docker, and Python for data workflows. Focused on building reliable services, improving data quality, and delivering maintainable solutions. International background and multilingual (English, Finnish, Russian).

## Work Experience

**01/2025 – 07/2025**   **Data Analyst Trainee**, *Nativy Translations GmbH*, Vienna, Austria
- Assisted in cleaning and preparing 100k+ multilingual records for internal reporting.
- Performed EDA on 5M+ rows and improved 20+ recurring SQL queries.
- Helped automate small workflows in Python, reducing manual work by several hours weekly.

**02/2023 – 08/2023**   **Java Software Engineer Intern**, *Yandex*, Moscow, Russia
- Helped update parts of a Spring Boot service used by thousands of daily users.
- Contributed small features and fixes to 3+ microservices communicating via Kafka.
- Wrote 30+ unit tests (JUnit, Mockito) and assisted with monitoring dashboards in Grafana.

## Projects

**10/2025 – Present**   **FOMONITOR – Behavioral Finance iOS App**, *Personal Project*
- SwiftUI app analyzing investor behavior with custom metrics (FOMO Index, sentiment).
- Designed REST API for portfolio analytics; integrated external market data.
- MVVM architecture with CoreData storage and interactive charts.

## Education

**08/2023 – 12/2025**   **BEng, Industrial Information Technology**, *LAB University of Applied Sciences*, Lappeenranta, Finland

**09/2021 – 05/2024**   **BEng, Mechatronics, Robotics & AI**, *ITMO University*, Saint Petersburg, Russia

## Technical Skills

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|---|---|
| Languages | Java, Python, SQL, JavaScript |
| Frameworks | Spring Boot 3, jOOQ, Node.js, React |
| Databases | PostgreSQL, MySQL, Redis, Kafka |
| DevOps | Docker, Kubernetes, GitLab CI/CD, Git, Maven, Gradle |
| Monitoring | Grafana, Prometheus, Log4j |
| Concepts | REST API, Microservices, Test Automation (JUnit, Mockito) |
| Languages | English (C1), Finnish (A2), Russian (Native) |