Ilia Rakin
Software Engineer

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Technical Skills

Languages	Java, Kotlin, JavaScript
Frameworks	Spring Boot, Hibernate, Node.js, React
Databases	PostgreSQL, MySQL
Web Technologies	PHP, JSX, HTML, CSS, RESTful APIs
Tools	Git, Maven, Gradle
Foreign Languages	Russian, English, Finnish

Work Experience

Jan. 2025 – Jul. 2025

Data Analyst Intern, *M-hub.ai*, Vienna, Austria
- Collected, cleaned, and processed large datasets from multiple sources to ensure data accuracy and integrity.
- Performed exploratory data analysis (EDA) to uncover trends, patterns, and insights.
- Wrote SQL queries to extract and manipulate data from relational databases.
- Automated data workflows and processes using Python.
- Supported senior data analysts in ad-hoc data requests and projects.

Projects

Heating Solutions Online Store (Pet-project)

Developed a full-stack eCommerce platform for Lenregion LLC, available at tis78.ru. Key features include a dynamic product catalog, secure user accounts with order history, a shopping cart integrated with payment gateways, and SEO optimization for enhanced visibility. Utilized PHP, JavaScript, HTML, CSS, and MySQL to deliver a responsive and user-friendly experience.

Study Group Management System (ITMO University)

Designed and implemented a distributed client-server system using UDP for efficient communication and PostgreSQL for reliable data storage. Enhanced security with user authentication and hashed passwords, improved scalability with multi-threaded processing, and developed command-line tools for intuitive object management. Documented the codebase comprehensively with Javadoc for maintainability and ease of use.

Education

Sep. 2021 – Dec. 2023 — **Bachelor of Engineering in Robotics and Artificial Intelligence**, *ITMO University*, Saint Petersburg

Sep. 2023 – Jan. 2023 — **Certificate in Data Processing and Analytics**, *Innopolis University*, Innopolis

Aug. 2023 – Jul. 2025 — **Bachelor of Engineering in Industrial Information Technology**, *LAB University of Applied Sciences*, Lappeenranta, Finland