

Ilia Rakin

Software Engineer

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Work Experience

Jan. 2025 – Jul. 2025

Data Analyst Intern, M-hub.ai, Vienna, Austria

- Collected, cleaned, and processed over 100,000 multilingual data records from internal CRM, external APIs, and Excel reports, improving data quality by 30
- Performed exploratory data analysis (EDA) on datasets exceeding 5 million rows, identifying 3 key client segmentation patterns that led to more targeted marketing efforts.
- Wrote and optimized 40+ complex SQL queries, reducing data extraction time by 25
- Automated 4 critical data workflows using Python (Pandas, NumPy), which saved the team an estimated 10 hours per week.
- Supported senior analysts with 15+ ad-hoc data requests, contributing to business decisions in sales targeting and language pair prioritization.

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.

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 – Nov. 2025

Bachelor of Engineering in Industrial Information Technology, LAB University of Applied Sciences, Lappeenranta, Finland

Technical Skills

Languages	Java, Python, JavaScript
Frameworks	Spring, Node.js, React
Databases	PostgreSQL, MySQL
Web Technologies	PHP, JSX, HTML, CSS, RESTful APIs
Tools	Git, Maven, Gradle
Foreign Languages	English (C1), Finnish (A2), Russian (C2)