

# Ilia Rakin

## Software Engineer

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### 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 Russian, English, Finnish

### 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](https://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**