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Summary

Software Engineer (Java/Python) focused on backend and data platforms. At Yandex, build internal services that deploy and operate Flink jobs at scale; shipped a JobGraph compilation flow that reduced average job startup time by 70%. Comfortable owning production systems end-to-end: design, implementation, CI/CD, observability, and on-call improvements. Inclined towards distributed systems (Flink, ZooKeeper) and data stores (PostgreSQL); open-source contributor in my spare time.

Employment History

May 2023 –

- **Yandex**, Middle+ Software Engineer
Junior (May 2023) → Middle (May 2024) → Middle+ (Aug 2025)
Internal platform for data engineers: deploy and operate Flink jobs/clusters.
Stack: Flink, ZooKeeper, Spring Boot, PostgreSQL, jOOQ, Liquibase.
Achievements:
 - Reduced Flink job startup time by **70%** (in-service JobGraph compilation).
 - Built CI/CD for clusters and jobs; implemented system for business-facing job metrics collection.
 - Improved alerting, reduced noise; maintained connectors (YDB, ClickHouse, YT).
 - Mentored an intern to a full-time role.

December 2021 – May 2023

- **Sber**, Junior Software Engineer
Products for cash circulation support (cash collection forecasting). Migrated services to the internal cloud (OpenStack) and developed integration logic. Technologies: Git, Atlassian stack (Jira, Confluence, Bitbucket), Java, Spring.

August 2021 – December 2021


- **VBC**, Intern Java Developer
Worked in a microservices architecture (Netflix stack): implemented complex business logic and optimized PostgreSQL interactions. Developed a flexible credit pricing service that accounts for company/individual history, bank rules, limits, and requirements.

Education





September 2024 –

- **M.Sc.** Higher School of Economics, Faculty of Computer Science, Artificial Intelligence




Education (continued)

September 2020 – July 2024  **B.Sc.** Higher School of Economics, Faculty of Computer Science, Software Engineering
GPA: 8.28
Top 9% of cohort
Relevant coursework: Software Architecture, Distributed Systems, Algorithms, Software Engineering, Web Development, Backend Development

Skills




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|--------------------|--|
| Languages |  English (B2), Russian (native). |
| Programming |  Java, Kotlin, Python, TypeScript, Go, \LaTeX . |
| Databases |  PostgreSQL, Redis, MongoDB. |
| Frameworks & Tools |  Spring, Apache Flink, Django, React, Svelte, Docker, Kubernetes. |

Interests

-  Data Engineering, Backend Development
-  Distributed Systems, Data Analytics
-  Data Visualization, Machine Learning

Miscellaneous Experience

Awards and Achievements

2020  2nd degree diploma, Lomonosov Olympiad in Mathematics (MSU)
  2nd degree diploma, Open Olympiad in Informatics (ITMO University)
2019  3rd degree diploma, Rosatom Olympiad in Mathematics (NRNU MEPhI)

Open Source Projects

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|-----------------------------------|---|
| Java, Minecraft mod | <u>PacketPray</u> - Minecraft mod that mitigates crash scenarios related to network packets; 2.5M+ downloads on CurseForge. |
| Svelte/Go, Wishlist app | <u>Wili</u> - full-stack wishlist application with create/share functionality, public pages, and Telegram Mini App integration. Features Yandex ID authentication and mobile-friendly UI. Built with SvelteKit + TypeScript (frontend) and Go microservices (backend) using PostgreSQL and MongoDB. Deployed to Yandex Cloud via GitHub Actions. |
| Java, Validation library | <u>ClinQ</u> - LINQ-inspired validation library providing fluent method chains, mappings, dependency checks, and reusable validators. |
| Python, Similar Developers Search | <u>SimDevSearch</u> - pipeline that processes GitHub repositories to find developers with similar coding and commit styles using cosine similarity. |

Open Source Projects (continued)

Svelte, Personal page

theseems.ru - personal website showcasing background and [pet projects](#).