Alexey Akhundov

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Summary

Software Engineer with a robust foundation in Java and Python, B.Sc. in Software Engineering at the Higher School of Economics. Possesses rich hands-on experience in top-tier Russian IT, focusing on tailored software solutions for data engineers. Posesses experience in a spectrum of modern technologies including Apache Flink, Apache ZooKeeper, and PostgreSQL. A dynamic contributor to both open-source environments and commercial project advancements. Aiming to escalate technical and problem-solving capabilities.

Education

September 2024 – ····

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

September 2020 – July 2024

B.Sc. Higher School of Economics, Computer Science, Software Engineering.
GPA: 8.28
Percentile: 9.27%
Relevant Coursework: Software Architecture, Distributed Systems, Algorithms, Software Engineering, Web Development, Backend Development

Employment History

May 2023 – ····

Yandex, Middle Software Engineer
Yandex is one of the largest IT companies in Russia, developing software and products that people use on a daily basis. My responsibilities include developing software in Java and Python for data engineers, adapting open-source and proprietary technologies and instruments to their needs. The technological stack includes Apache Flink, Apache ZooKeeper, Spring (Boot), jOOQ, Liquibase, PostgreSQL, Java SE/EE, Python, and a variety of internal products. **Currently mentoring a newcomer**.

December 2021 – May 2023

Sber, Junior Software Engineer
Sber is one of the largest companies in Russia mainly specializing in banking services. My responsibilities included improving business-critical product. Technologies used: Git, Atlassian Stack (Jira, Confluecne, Bitbucket), Java SE, EE and Spring.

Employment History (continued)

August 2021 – December 2021   **VBC,** Intern Java Developer
VBC is a company that provides users with a financial marketplace and tools for participation in tenders. Here, I worked with a microservices architecture using the Netflix stack, implemented complex business logic, and optimized database interactions with PostgreSQL. I developed a flexible service for calculating credit prices based on the company/individual history, accounting for various bank rules, limits, and requirements.

Skills

Languages   English (B2), Russian (native).

Coding   Java, Kotlin, Python, JavaScript, TypeScript, LaTeX, Svelte.

Databases   PostgreSQL, Redis, MongoDB.

Frameworks   Spring, Apache Flink, Django, Torch, React, Svelte.

Interests

Data Engineering, Backend Development, Science, Data Analytic, Data Visualization, Machine Learning.

Miscellaneous Experience

Awards and Achievements (School)

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

Java, Validation library   Inspired by Linq, **ClinQ** library provides users with fluent methods chain, mappings, check-dependencies for validation and reusable validators.

Python, Similar Developers Search   **SimDevSearch** is a pipeline that gathers and processes open-source GitHub repositories and finds developers bearing some sort of resemblence to each other in terms of their commit messages, the way they write code etc. by applying cosine similarity

Svelte, Personal page   **theseems.ru** is my personal website where I host general information about myself as well as some of my **projects**.