

Alex Dubrovai

Senior Software Engineer

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SUMMARY

Senior Backend Engineer with 6+ years of experience designing and scaling high-performance backend systems. Strong in Java and Spring, microservices, distributed systems, and data-heavy platforms. Proven track record of owning complex systems end-to-end, solving hard technical problems, and delivering business-critical features at scale.

SKILLS

- **General:** Backend software architecture and development of distributed high-throughput and low-latency applications, system design, technical interviews and team leading.
- **Technical:** Java 8-21, Spring Boot 2-3, SQL, MongoDB, Redis, Flyway, Microservices, REST, gRPC, Kafka, Maven, Gradle, Docker, Kubernetes, Openshift, AWS, JUnit, Mockito, Git, Gitlab, Atlassian products.
- **Languages:** English - fluent, Hebrew - beginner, Russian - native.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Tinkoff 03/2022 – present
Top 3 digital bank in Russia Remote

- Lead the architecture, API design and backend development of high-impact B2B projects.
- Launched an enterprise document management system that onboarded over 5,000 companies, contributing to a 20% revenue growth in B2B services.
- Implemented a tariff calculator that drove an 80% increase in paid tariff adoption, generating an additional revenue stream for the bank.
- Proposed and built monitoring service, which decreased non-critical alerts by 50% and helped quickly address critical production issues.
- Optimized database queries, resulting in a decrease in data retrieval time by half.

Software Engineer, EPAM Systems 10/2020 – 02/2022
Major electronics retailer Moscow, Russia

- Helped drive the transition of a large-scale retail application from a monolithic structure to a microservices architecture.
- Increased system throughput to handle 300,000 requests per minute, boosting performance and reliability during peak sales periods.
- Optimized tests on the project, reducing execution time and memory consumption by 50%.

Junior Software Engineer, Elar Corporation 04/2019 – 10/2020
Top Electronic Archive company Moscow, Russia

- Built a robust caching system that cut execution time by 70%, significantly improving performance for high-demand features.
- Developed and launched new business features, as well as maintained and updated old ones.

EDUCATION

Bachelor's degree, Moscow State University of Food Production Moscow, Russia
Computer Science