

Alex Dubrovai

Software Engineer

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SUMMARY

Backend Engineer with 6+ years of experience building scalable, distributed backend systems. Strong expertise in microservices, distributed systems, and data-heavy platforms. Experienced in owning end-to-end development - from architecture and implementation to deployment and production support.

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, PostgreSQL, 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

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| Software Engineer, Tinkoff Top 3 digital bank in Russia | 03/2022 – present Remote |
| <ul style="list-style-type: none">• 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 Major electronics retailer | 10/2020 – 02/2022 Moscow, Russia |
| <ul style="list-style-type: none">• 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 Top Electronic Archive company | 04/2019 – 10/2020 Moscow, Russia |
| <ul style="list-style-type: none">• 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

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