

Best Technology Talent For Companies Around The World



Viacheslav

Senior/Tech Lead Java Engineer

Summary

Senior/Lead Java Engineer and Solution Architect with 13+ years of experience designing and developing scalable backend systems, including strong hands-on technical leadership and architecture experience. Combines deep Java backend expertise with solution architecture, system design, technical decision-making, and team leadership across distributed and high-load systems. Strong experience as a Tech Lead / Solution Architect, leading backend engineers while remaining hands-on with development. Experienced in designing distributed backend architectures, translating complex business requirements into scalable technical solutions, reviewing solution designs, defining engineering standards, mentoring developers, conducting code reviews, and collaborating closely with Product Owners, Business Analysts, and engineering teams. Has also led cross-functional and Java development teams, including architecture and end-to-end development of a cloud-based platform and a serverless AWS backend. Experienced in sprint planning, technical mentoring, aligning technical decisions with business goals, and delivering complex functionality from architecture through production.

Strong hands-on expertise in Java, Spring, microservices, distributed systems, AWS, PostgreSQL, Cassandra, Kafka, Redis, Docker, and Kubernetes, with experience in performance optimization, high-load systems, asynchronous processing, database optimization, and production scalability. Worked on systems supporting millions of interactions, real-time processing, and workloads of more than 10,000 events per minute.

Strong technical leadership, ownership, and communication skills. Experienced in mentoring engineers, leading architecture discussions, working directly with product and business stakeholders, gathering and analyzing requirements, and aligning technical solutions with business needs. Comfortable taking responsibility for complex solutions from initial requirements and architecture through implementation and production delivery.

TECHNICAL SKILLS:

- Backend: Java, SQL, Spring, OSGi, Apache Camel, Mule ESB, Jersey, JavaFX, Swing, REST
- Databases: PostgreSQL, Cassandra, Elasticsearch, MySQL
- Cloud & DevOps: AWS (Lambda, S3, CloudFormation), Firebase, Docker, Maven, Gradle, Kubernetes
- Embedded: Arduino, STM, ATmega, Raspberry Pi, ESP32, LoRa, GSM Modules, GPS, CAN, FreeRTOS, custom firmware
- Architecture: Microservices, distributed systems, enterprise integration, SOLID, TDD
- Other: C/C++ (basic), NavTeq, Firebase API, Facebook API, Twitter API, Linux kernel programming, 3D applications

Professional Career

Lead Software Engineer / Solution Architect

October 2024 – May 2026 | Ukraine

Project info:

Enterprise supply chain analytics and planning platform supporting demand forecasting, inventory management, replenishment planning, sales planning, and operational decision-making.

Responsibilities:

- Designed and evolved distributed backend architecture across multiple business domains
- Led implementation of complex planning and forecasting features
- Optimized database access, domain services, asynchronous processing, and analytical calculations
- Collaborated with product owners, business analysts, and engineering teams on architecture and solution design
- Mentored developers through architecture discussions, code reviews, and technical leadership

Software and technologies:

Java 21, Spring Boot, PostgreSQL, AWS, Docker, Kubernetes, Spring Security, JPA, Microservices

Senior Software Engineer/Architect

April 2023 – October 2024 | Ukraine

Project info:

Cloud-based medical diagnostics platform focused on Atrial Fibrillation detection and transformation of raw ECG signals into clinically actionable insights

Responsibilities:

- Architected a high-performance ECG signal processing pipeline in Java

- Designed and implemented a dynamic PDF reporting engine for cardiology use cases
- Owned AWS infrastructure through CloudFormation across production, staging, and development
- Led a cross-functional engineering team of 3 developers
- Collaborated with medical professionals and domain experts to implement healthcare logic

Software and technologies:

Java, AWS, PostgreSQL, ReactJS, CloudFormation

Senior Software Engineer

September 2021 – April 2023 | Ukraine

Project info:

High-load marketing automation platform supporting personalized email and SMS campaigns for major retail brands

Responsibilities:

- Enhanced and maintained microservices responsible for time-sensitive marketing communications
- Led new features from design and implementation through production deployment
- Optimized Java service throughput and latency, asynchronous processing, database interactions, and Kafka/SQS queues
- Improved SQL and NoSQL database interactions across PostgreSQL and Cassandra
- Delivered production-ready solutions autonomously with regular collaborative reviews

Software and technologies:

Java, AWS, PostgreSQL, Cassandra, Microservices, Kafka, SQS

Senior Engineer / Team Lead

April 2019 – September 2021 | Ukraine

Project info:

Real-time last-mile delivery and logistics platform serving mobile and web users across multiple regions

Responsibilities:

- Architected a serverless backend on AWS using Lambda, API Gateway, and S3
- Led Java developers through mentoring, code reviews, and sprint planning
- Optimized PostgreSQL queries, indexes, and caching
- Integrated Firebase for real-time data synchronization and user engagement tracking
- Aligned technical decisions with product and operations teams

Software and technologies:

Java, AWS, PostgreSQL, Firebase, M-Tribes

Senior Java Developer

September 2016 – April 2019 | Ukraine

Project info:

Scalable real-time backend systems for major sports platforms, supporting multi-platform authentication, live telemetry, and peak traffic during major events

Responsibilities:

- Re-architected microservices infrastructure using Spring Boot and Kafka
- Implemented multi-source authentication supporting web, mobile, and smart TV users
- Led backend development for a mobile application integrating real-time race telemetry
- Used Redis and Cassandra for high-speed access and resilient storage
- Collaborated with frontend teams, product stakeholders, and external vendors

Software and technologies:

Java, Mule ESB, Apache Kafka, Cassandra, Redis, AWS, Microservices, Spring Boot

Full-stack Developer | Ukraine

October 2014 – August 2016

Project info:

High-throughput enterprise anti-spam platform focused on email security, scalability, performance, and analytics

Responsibilities:

- Refactored and optimized an anti-spam gateway processing more than 10,000 emails per minute
- Transitioned the monolithic system to a microservices architecture
- Integrated Elasticsearch and Lucene for text analysis, indexing, and search
- Collaborated with data scientists on intelligent email classification and analytics
- Improved observability and fault tolerance through logging, health checks, and data traceability

Software and technologies:

Java, Elasticsearch, Lucene, Spring, Cassandra, Big Data

Java Developer | Ukraine

2012 – 2014

Project info:

Hospital information system supporting patient records, appointment scheduling, billing, and integration across hospital departments and external systems

Responsibilities:

- Developed and optimized backend modules for patient records, scheduling, and billing
- Implemented secure SOAP/REST data exchange

- Built scalable and maintainable functionality using Java and Spring
- Collaborated with healthcare professionals and IT specialists on requirements
- Supported deployment across multiple hospital facilities and provided technical assistance

Software and technologies:

Java, Spring, PostgreSQL, JMS, SOAP, REST

Education

National Aviation University

Master's Degree in Computer Science

Languages

English: Upper-Intermediate

Ukrainian: Native