

Contact

Estonia, Tallinn
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www.linkedin.com/in/aleksei-gaile
(LinkedIn)
gaile.ee (Portfolio)

Top Skills

MongoDB
Java
Spring boot

Languages

Russian (Native or Bilingual)
English (Professional Working)

Certifications

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Aleksei Gaile

Senior Java Software Engineer | Spring Boot, Kafka, PostgreSQL |
Microservices & Distributed Systems
Tallinn, Harjumaa, Estonia

Summary

Based in Tallinn, Estonia | EuropeSenior Java Software Engineer with 7+ years of experience designing, building, and scaling fault-tolerant, high-throughput microservice architectures for global leaders across iGaming, FinTech, Banking, and Retail. Expert in modern Java (8–21+), Spring Boot 3, Apache Kafka, PostgreSQL, and Kubernetes. Proven track record in decomposing complex legacy monoliths, designing core architecture from scratch, and driving engineering quality through rigorous code reviews, candidate interviewing, and technical mentoring.

TECHNICAL STACK & COMPETENCIES

- Languages & Core: Java (8–21+), Core Java, OOP, Multithreading, JVM Memory Management, RESTful APIs
- Frameworks & Architecture: Spring Boot 3, Spring MVC, Spring Data JPA, Hibernate, Microservices Architecture, API Contract Design, Monolith Decomposition
- Messaging & Search: Apache Kafka, Elasticsearch, Event-Driven Processing
- Databases & Caching: PostgreSQL, Redis, MongoDB, Cassandra, Liquibase, Flyway, JOOQ
- Infrastructure & DevOps: Kubernetes, Docker, Terraform, GoCD, CI/CD Pipelines, Maven, Gradle
- Testing & Frontend: JUnit 5, Mockito, Integration Testing, React, Angular
- Leadership & Practices: System Design, Agile (Scrum/Kanban), Code Reviews, Technical Mentoring, Candidate Interviewing

Experience

Entain NCE

Senior Software Engineer

March 2025 - Present (1 year 7 months)

Tallinn

Entain is one of the world's largest sports betting and gaming entertainment groups – a FTSE 100 company that is home to more than 25 widely recognised brands, such as bwin, Coral, Foxy, Gala, Ladbrokes and partypoker.

- System Integration: Engineered robust integrations connecting major internal and external gaming platforms, betting products, and third-party data providers.
- Real-Time Processing: Architected and deployed mechanisms for real-time event processing and seamless external API integrations.
- Troubleshooting & Optimization: Diagnosed and resolved complex system and business-logic issues across a distributed microservices architecture, directly improving overall platform stability.
- Quality & Reliability: Safeguarded release stability by enforcing rigorous testing standards, utilizing JUnit and Mockito for comprehensive unit and integration testing.

NDA

Senior Software Engineer

December 2023 - February 2025 (1 year 3 months)

The company specializes in outstaffing services.

My area of responsibility is the development of new microservices.

- Projects stack:

Java 17, Spring Boot 3, PostgreSQL, Liquibase, Docker, Maven, Gradle, MapStruct, Kafka, OpenFeign, Keycloak, Swagger OpenAPI

- Microservices Architecture: Engineered resilient, high-throughput microservices from scratch using Java 17 and Spring Boot 3, leveraging Apache Kafka for asynchronous event handling and OpenFeign for declarative HTTP clients.

- Security & API Design: Integrated Keycloak for secure IAM/OAuth2 authentication and structured clear RESTful API contracts documented via Swagger/OpenAPI.

- Database & Data Integrity: Managed relational schema evolutions and data persistence using PostgreSQL and Liquibase, ensuring seamless multi-environment deployments.

- Engineering Standards & Leadership: Led rigorous code reviews, conducted technical interviews for engineering candidates, and maintained high reliability through comprehensive JUnit and Mockito test suites.

Bally's Interactive

Senior Software Engineer

May 2022 - December 2023 (1 year 8 months)

Tallinn

Bally's Interactive is an iGaming platform company operating in various regions of the United States, Europe, and Asia.

- Projects stack:

Java 8/11/17, Spring Boot, Spring, PostgreSQL, Liquibase, Docker, Maven, Gradle, Splunk, GoCD, Kubernetes, Terraform, SoapUI, React.

- Monolith Decomposition: Successfully decoupled legacy backend systems into independent, fault-tolerant microservices on Java 17, significantly reducing system coupling and deployment risks.

- API & Contract Engineering: Designed robust RESTful API contracts and implemented complex data processing pipelines supporting high-concurrency iGaming operations across US and European markets.

- Infrastructure & CI/CD Automation: Containerized applications using Docker and Kubernetes, configuring automated build and deployment pipelines via GoCD and Terraform.

- Observability & Troubleshooting: Utilized Splunk for real-time log analysis and proactive monitoring, rapidly resolving production incidents across multi-technology stacks.

ART-BANK

Java Developer

March 2021 - April 2022 (1 year 2 months)

The company specializes in outstaffing services.

- Worked as a software developer at the banking and financial services corporation VTB Bank. Developed an application from scratch for managing tariffs and billing transactions.

- Worked on projects for the retail company Alidi Group. Developed a customer loyalty system.

- Projects stack:

Java 11, Spring Boot, Kafka, Hibernate / JPA, JOOQ, Ehcache, PostgreSQL, Liquibase, Flyway, Docker, Maven, Redis, Ehcache, Elasticsearch, Apache Tomcat, Angular.

My tasks were:

- Communicating with the business and testing team
- Development of new functionality of the application
- Development of Rest - services
- Integrational and unit tests using junit, mockito.
- Onboarding new developers
- Job interviews for candidates
- Help and training of other developers

Wisercat

Software Developer

September 2019 - March 2021 (1 year 7 months)

Tallinn, Harjumaa, Estonia

The company specializes in outstaffing services.

During my work, I participated in two projects. A retail project and a project with big data processing for reporting on the movement of goods and vehicles.

- I developed functionality on projects both as a backend developer (Java) and as a frontend developer (React)

- Projects stack:

Java 8, Spring Boot, Hibernate / JPA, PostgreSQL, Cassandra, Spark, Elasticsearch, Liquibase, Flyway, Docker, Maven, Gradle, Liferay, React, Angular.

My tasks were:

- Development of new application functionality
- Solving current issues on the backend and frontend
- Refactoring of existing code to meet changing customer requirements.
- Integration and unit testing using junit, mockito.

Education

Ida-Virumaa Kutsehariduskeskus COSMOS

Secondary education, Software Developer · (2017 - 2019)

"Status"

Courses, Network administrator (Windows Server). · (2010 - 2010)

Baltic State Technical University "VOENMEH" named after D.F. Ustinov

Master's degree, Rocket engine mechanical engineer.