

# Talgat Akunsartov

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## SUMMARY

Senior Java Developer with 10+ years of experience building robust, cloud-native systems for finance, insurance, and regulatory domains. Specialized in backend architecture, data validation, system integration, and scalable microservices. Deep expertise in Java, Spring Boot, Kafka, and containerized applications using Docker and Kubernetes. Proficient in AWS services including EC2, S3, SQS, IAM, and CloudWatch. Proven track record of optimizing legacy systems, ensuring security and compliance, and delivering high-availability solutions. Effective communicator and team player in distributed Agile environments.

## TECHNICAL SKILLS

Languages: Java, Kotlin, Ruby, JavaScript

Frameworks/Technologies: Kafka, Spring Boot, Hibernate, REST APIs, Docker, Kubernetes

Databases: PostgreSQL, Oracle, MySQL

Monitoring/DevOps: Prometheus, Grafana, Chef, GitLab CI/CD

Testing: JUnit, Selenium, Cucumber

Tools: Git, SVN, Apache Tomcat, Undertow

## PROFESSIONAL EXPERIENCE

### Senior Java Software Engineer

Ness Digital Engineering, Riga, Latvia | Aug 2021 – Present

- Collaborated on the development of a high-throughput ETL pipeline processing ~1 billion trading messages daily
- Designed and maintained Kafka-based stream processing system for ingesting, transforming, and routing trading data
- Integrated Kafka producers and consumers with AWS Redshift and DynamoDB for scalable downstream analytics and storage
- Enhanced data validation logic for regulatory reporting systems, improving accuracy and data quality

- Wrote comprehensive JUnit test suites for legacy modules, increasing code coverage and reliability

### **Senior Java Software Engineer**

Accenture, Riga, Latvia | Nov 2019 – Jul 2021

- Led proactive monitoring setup using Prometheus and Grafana, reducing alert response time by 40%
- Automated log-cleaning process, eliminating 80% of manual work
- Developed circuit breaker solution across 30+ applications for resilience
- Upgraded core libraries (Spring, Hibernate) across 80-module project
- Implemented secure communication (TLS 1.2, mTLS) for internal systems
- Created POC for container migration from Chef/Docker to Kubernetes

### **Senior Java Developer / Team Lead**

Arashan LLC, Bishkek, Kyrgyzstan | Jan 2014 – Oct 2019

- Led team of 10 developers for government information system serving 1000+ users
- Developed internal management system using Spring Boot and PostgreSQL
- Created process designer with EPC notation using JointJS + code generation
- Built secure JWT-based authentication system for internal tools

### **Java Developer**

Arashan LLC, Bishkek, Kyrgyzstan | Sep 2011 – Dec 2013

- Built daily staff diary system (150+ daily users) with Microsoft Project integration
- Developed Risk Management module with IBM DB2 backend
- Migrated Java Servlets and JSP legacy apps to Spring REST

### **CERTIFICATIONS**

AWS Certified Solutions Architect – Associate (2021)

Confluent Certified Developer for Apache Kafka (2021)

### **EDUCATION**

Master of Science in Software Engineering

Kyrgyz-Russian Slavic University, Bishkek, Kyrgyzstan | 2006 – 2011