

# Andrei K.

## Expert Senior Backend Developer

### SUMMARY

Results-driven Senior Java Backend Developer with 11+ years of experience specialising in Java-based API integration and microservices architecture. Worked in international teams of 2-25 members, both on-site and remotely, with 3 years of proven team leadership.

- Expertise: Kubernetes (AKS, AWS, GCP, OpenShift), cloud computing, enterprise integration platforms (EIP), and workflow automation.
- Leadership: Successfully led teams, mentored developers, and drove the adoption of best practices in software design, CI/CD, and Agile methodologies (Scrum, Kanban).

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Java (10 yr.), Kotlin, Spring, Spring Boot, AWS (6 yr.)
<b>Programming Languages</b>	Java (10 yr.), Kotlin
<b>Java Libraries and Tools</b>	Apache Camel
<b>Android Libraries and Tools</b>	Kotlin
<b>Java Frameworks</b>	Spring, Spring Boot
<b>Databases &amp; Management Systems / ORM</b>	MongoDB, PostgreSQL
<b>Cloud Platforms, Services &amp; Computing</b>	AWS (6 yr.), GCP
<b>Azure Cloud Services</b>	AKS
<b>Amazon Web Services</b>	AWS CloudWatch, AWS CodePipeline, AWS EventBridge, AWS Lambda, AWS Route 53, AWS SQS, AWS VPC
<b>SDK / API and Integrations</b>	Keycloak, OAuth
<b>Virtualization, Containers and Orchestration</b>	Kubernetes

<b>Message/Queue/ Task Brokers</b>	RabbitMQ
<b>Other Technical Skills</b>	Apache Kafka, BPMN Camunda, IAM, Openshift Cloud Platform, RDS

## WORK EXPERIENCE

### Senior Java Backend Developer | Full Stack, Construction site management

**Duration:** February 2020 - September 2025

**Summary:** Led the development of an in-house software platform IRIS for central management of construction site documentation and data, significantly enhancing performance, scalability, system responsiveness, and reliability through technical improvements and mentoring.

**Responsibilities:** Rewrote the synchronization service, reduced API response time, designed and built microservices from scratch, optimized access control, achieved high unit test coverage, resolved technical issues leading to zero technical debt, led migration from monolith to microservices, developed critical microservices on Java Spring Boot, led PoC solutions, implemented CI/CD pipelines, optimized cloud infrastructure and system performance, implemented Keycloak for OAuth2 and SSO, provided technical expertise, authored technical documentation, and trained new hires.

**Technologies:** Kotlin, Java 21, Spring, PostgreSQL, MongoDB, RabbitMQ, Redis, AWS EKS, S3, RDS, SQS, CloudWatch, EC2, CodePipeline, EventBridge, Lambda, IAM, VPC, Route 53, ACM

### Senior Java Backend Developer | Tech Lead, Banking and insurance services

**Duration:** August 2014 - February 2020

**Summary:** Spearheaded the development and launch of a multitude of banking products, driving integration, rebuilding the core EIP, migrating to ELK and Kafka, redesigning BPMN diagrams, and decomposing a monolithic Red Hat JBoss Fuse project into microservices.

**Responsibilities:** Delivered integration services for major banks, rebuilt EIP core, moved search from PostgreSQL to ELK, migrated messaging from IBM WMQ to Kafka, designed BPMN diagrams, led backend teams, promoted from Junior Developer to Lead Developer, optimized monolithic applications, developed high-load data processing systems, built reactive microservices, implemented DevOps initiatives, and developed workflows with Camunda.

**Technologies:** Java 17, Kotlin, Spring, PostgreSQL, MongoDB, Apache Kafka, Camunda BPMN, Kubernetes, OpenShift, Apache Camel

## EDUCATION

- **Master's Degree in Computer Science**
- Voronezh State Technical University
- 2014

