

Armen Sargsyan

Senior Java/Kotlin Software Engineer

SUMMARY

- 9+ years of experience in Java and Kotlin software engineering, specializing in microservices architecture, DevOps, and cloud-native applications.
- Proficient in Spring Boot, Spring Cloud, Docker, Kubernetes, AWS, and CI/CD pipelines, with hands-on experience in Terraform and Jenkins for infrastructure automation.
- Strong background in secure software development, including Keycloak integration, OAuth2, and PCI DSS-compliant cryptographic SDKs.
- Expertise in designing and implementing scalable backend systems using Kafka, RabbitMQ, Elasticsearch, and various databases like PostgreSQL, OracleDB, MongoDB, and Cassandra.
- Experienced in Agile methodologies (Scrum, Kanban), test-driven development (JUnit, Mockito, Testcontainers), and modern software engineering best practices.

TECHNICAL SKILLS

Main Technical Skills	Kotlin (4 yr.), Spring Boot (4 yr.), Azure DevOps (2 yr.), Docker (2 yr.)
Programming Languages	Groovy, Kotlin (4 yr.)
JavaScript Frameworks	Angular (2 yr.)
.NET Platform	Azure (2 yr.)
Mobile Frameworks and Libraries	Gson, Ktor
Java Libraries and Tools	Hazelcast, Jackson, JSON (7 yr.), MapStruct, Spring Core (2 yr.)
Java Frameworks	Hibernate (4 yr.), Spring Boot (4 yr.), Struts 2
Android Libraries and Tools	Kotlin (4 yr.)
AI & Machine Learning	RAG (4 yr.)
Security	RBAC (2 yr.)
Databases & Management Systems / ORM	AWS ElasticSearch (2 yr.), Cassandra, Clickhouse, Flyway (2 yr.), Hibernate (4 yr.), Liquibase (2 yr.), MongoDB (4 yr.), MySQL, Neo4j, Oracle Database (2 yr.), PostgreSQL (4 yr.), Redis, SQL
UI Frameworks, Libraries, and Browsers	Angular Material UI (2 yr.)
Cloud Platforms, Services & Computing	AWS (2 yr.), Azure (2 yr.)



Amazon Web Services	AWS API Gateway (2 yr.), AWS ECS, AWS ElasticSearch (2 yr.), AWS Security Groups (3 yr.), AWS SNS
Azure Cloud Services	Azure DevOps (2 yr.)
Methodologies, Paradigms and Patterns	Agile (7 yr.), Clean Architecture (2 yr.), Kanban (2 yr.), microservices (4 yr.), Monolith (2 yr.), MVC, Scrum (7 yr.), SOAP (3 yr.)
Message/Queue/Task Brokers	Apache ActiveMQ, Kafka (2 yr.), RabbitMQ (2 yr.)
QA, Test Automation, Security	Apache Maven (2 yr.), JUnit (7 yr.), Mockito (7 yr.), Postman, SoapUI
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira
SDK / API and Integrations	AWS API Gateway (2 yr.), GraphQL, JWT (2 yr.), Keycloak (2 yr.), OAuth (2 yr.), RESTful API (7 yr.), Swagger (4 yr.)
Version Control	BitBucket (4 yr.), Git (7 yr.), Github Actions
Platforms	Camunda (2 yr.)
Deployment, CI/CD & Administration	CI/CD (2 yr.), GitLab CI (2 yr.), Gradle (4 yr.), Jenkins (2 yr.), SonarQube (3 yr.), TeamCity (3 yr.)
Virtualization, Containers and Orchestration	Docker (2 yr.), Terraform (2 yr.)
Mail / Network Protocols / Data transfer	GRPC (2 yr.), JWT (2 yr.), WebRTC (2 yr.), WebSockets (2 yr.)
Third Party Tools / IDEs / SDK / Services	IntelliJ IDEA
Web/App Servers, Middleware	Nginx (2 yr.)
Logging and Monitoring	Prometheus (2 yr.)
File Systems, Storage	XML (3 yr.)
Other Technical Skills	Feign (2 yr.), framework, Spring model-view-controller, Webflux

WORK EXPERIENCE

Senior Java/Kotlin/DevOps Software Engineer - ITSpace (HRSpace)

Duration: September 2023 - December 2025

Summary:

- HRSpace is a specialized web and mobile application developed for simplifying and improving human resource management within organizations
- The application addresses issues associated with manual and fragmented HR processes such as payroll, performance evaluation, and benefits management



Responsibilities:

- Design and implementation of microservices-based architecture from scratch.
- Security implementation using Keycloak within a Kubernetes architecture.
- Working with project architecture and participating in technical decision-making.
- Team coordination and organizing the backend team.
- Participating in code reviews and daily Agile ceremonies.
- Configuration and maintenance of CI/CD pipelines for deployment services on AWS.
- Implementation of service deployment and communication within Kubernetes.
- Setting up monitoring tools to track system metrics.

Technologies: Java, Kotlin, Spring Boot, Spring Cloud, OracleDb, MongoDB, FlyWay, REST APIs, WebSockets, Feign Client, RTB, JUnit, Mockito, Kafka, RabbitMQ, Gradle, OpenAPI/ Swagger, Docker, Kubernetes, GitLab, Microservice Architecture, Terraform, AWS (S3, EC2, IAM, RDS), Jenkins, CI/CD

Senior Java/Kotlin Software Engineer - ZenifyTech (InvoEase)

Duration: August 2021 - June 2023

Summary:

- InvoEase is a financial and accounting solution designed for professionals and law firms
- It automates the billing process, payment management, and the generation of financial reports

Responsibilities:

- Maintaining existing functionality and adding new features.
- Working with legacy code and adapting outdated solutions to meet new requirements.
- Optimizing application performance for high-load environments.
- Refactoring code to improve structure and readability.
- Participating in code reviews and contributing to technology stack decisions.
- Solving tasks related to fintech requirements and transactions.

Technologies: Java, Kotlin, Angular, Spring Boot, Spring Cloud, PostgreSQL, MongoDB, Hibernate, FlyWay, REST APIs, OpenAPI Generator, Hazelcast, Gradle, Docker, Prometheus, Bitbucket, Microservice Architecture, Azure, JUnit, Mockito, End-to-End (E2E) Testing

Senior Java Developer - ZenifyTech (CaseSync)

Duration: October 2019 - July 2021

Summary:

- CaseSync is a case management system designed to help law firms manage client information, track case progress, and automate scheduling for court appearances
- The system aims to improve communication and efficiency between legal teams and clients

Responsibilities:

- Maintaining existing functionality and adding new features.
- Working with legacy code and adapting outdated solutions to meet new requirements.
- Participating in code reviews and improving system architecture.



Technologies: Java, Kotlin, Spring Boot, Spring Cloud, PostgreSQL, MongoDB, Hibernate, FlyWay, REST APIs, OpenAPI Generator, Hazelcast, Gradle, Docker, Prometheus, Bitbucket, Microservice Architecture, Azure, JUnit, Mockito

Junior - Middle Java Developer - WorldPay (Client-Side Encryption (CSE))

Duration: March 2016 - June 2019

Summary:

- Client-Side Encryption (CSE) is a Java-based cryptographic SDK developed to secure sensitive payment data such as cardholder details before it leaves the client environment
- It encrypts card data using RSA public-key encryption and ensures PCI DSS compliance by preventing raw card data from reaching the merchant's servers
- It was integrated into eCommerce and mobile payment platforms, enabling merchants to perform secure transactions through the Worldpay gateway

Responsibilities:

- Implemented and maintained Java SDK components for RSA encryption/decryption logic.
- Integrated encryption utilities with Worldpay's REST and SOAP payment APIs.
- Developed unit and integration tests ensuring cryptographic consistency.
- Refactored legacy code to align with PCI DSS security standards and new API versions.
- Wrote documentation and sample integrations for partner developers.
- Testing and fixing bugs.
- Collaborated with team members to implement new features and improve system architecture.

Technologies: Java 8, Spring Boot, Spring Security, REST API, SOAP, RSA Encryption, JCA/JCE, JSON, XML, JUnit, Mockito, Maven, Git, Jenkins, Docker, Kubernetes, AWS (S3, EC2), PostgreSQL, SonarQube, TeamCity, Bitbucket, Agile/Scrum

EDUCATION

- **National Polytechnic University of Armenia, Gyumri Branch**
Bachelor of Applied Mathematics
2015-2019
- **National Polytechnic University of Armenia, Gyumri Branch**
Master of Computer Science
2019-2021

