

# Serhii L.

## Expert Senior Software Engineer

### SUMMARY

- Senior Software Engineer with 8+ years of experience;
- Expertise in Java, Kotlin, Spring Boot, Hibernate, and Micronaut for cloud-based microservices;
- Strong background in AWS, GCP, Kubernetes, and event-driven architecture;
- Led monolithic to microservices migrations and real-time data processing solutions;
- Skilled in database management with PostgreSQL, MySQL, Oracle, and TimescaleDB;
- Experience with Kafka, RabbitMQ, and Elasticsearch for scalable data processing;
- Ability to design financial and banking software solutions;
- Hands-on experience with CI/CD pipelines, Docker, Helm, and GitLab CI.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Java, Spring Boot, Hibernate, PostgreSQL, Docker
<b>Programming Languages</b>	Java, Kotlin
<b>Java Frameworks</b>	Hibernate, Micronaut, Spring, Spring Boot
<b>Java Libraries and Tools</b>	Java Server Pages (JSP), WireMock
<b>Android Libraries and Tools</b>	Kotlin
<b>JavaScript Frameworks</b>	React
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, ELK stack (Elasticsearch, Logstash, Kibana), Flyway, Hibernate, Liquibase, Microsoft SQL Server, MySQL, Oracle Database, PostgreSQL, TimescaleDB
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, GCP
<b>Amazon Web Services</b>	AWS ElasticSearch
<b>Methodologies, Paradigms and Patterns</b>	Agile, Architecture and Design Patterns, microservices, microservices architecture, Scrum, SOAP, TDD

<b>QA, Test Automation, Security</b>	Apache Maven, JUnit, Mockito
<b>Web/App Servers, Middleware</b>	Apache Tomcat, Oracle WebLogic Application Server
<b>Virtualization, Containers and Orchestration</b>	Docker, Kubernetes, Nomad
<b>Version Control</b>	Gerrit, Git, Github Actions, SVN
<b>Deployment, CI/CD &amp; Administration</b>	GitLab CI, Gradle, Helm, Jenkins
<b>Logging and Monitoring</b>	Grafana, Prometheus
<b>SDK / API and Integrations</b>	JSP Liferay, RESTful API
<b>Message/Queue/ Task Brokers</b>	Kafka, RabbitMQ
<b>Other Technical Skills</b>	Hybris, Jacoco, Micronauts

## WORK EXPERIENCE

### Senior Software Engineer, Strategic Component Extraction and Financial Data Tool

**Duration:** May 2022 - Present

**Summary:** Global provider of technology-driven solutions for wealth and asset managers of the world's largest banks, as well as wealth management companies and pension funds across Europe and Asia.

#### Responsibilities:

- Led the extraction of a strategic component from a monolithic architecture into microservices that allowed the creation and successful commercialization of a new platform
- Took a leadership role in developing an innovative solution designed to empower banks, ensuring they effectively meet the investment needs of retail customers
- Developed an internal tool for financial data quality monitoring, tracks usage of existing products, and provides valuable insights into customer behavior

**Technologies:** Java 17, Kotlin, Spring Boot, Hibernate, PostgreSQL, MySQL, TimescaleDB, RabbitMQ, Elasticsearch, GitHub Actions, Jenkins, Git, Gradle, Maven, Docker, Nomad.

### Expert Software Engineer, Strategy consulting, and technology company

**Duration:** Dec 2020 - Apr 2022



**Summary:** Strategy consulting and technology company that specializes in software, cybersecurity, AI, and connected devices

**Responsibilities:**

- Successfully implemented a new real-time Kafka-based client data review system for private banking from scratch, deployed it to the cloud, and helped the business to ensure compliance with tax regulations;
- Led the project as a senior engineer and participated in designing microservices and architecture capable of handling frequent and large client datasets;
- Coached team members on software development and clean code.

**Technologies:** Java 11, Kafka, Micronaut, Spring Boot, Hibernate, Oracle, React, GitLab CI, Git, Gradle, Docker, OpenShift.

**Senior Software Engineer, Digital Transformation company**

**Duration:** Aug 2019 - Sep 2020

**Summary:** Digital transformation company that provides cutting-edge engineering solutions for global organizations

**Responsibilities:**

- Pioneered the migration of a critical ERP system for a leading civil engineering and construction company in Norway, transitioning seamlessly from PHP monolith to Java microservices;
- Enhanced with new features a robust loyalty system for patrons for a global gambling company.

**Technologies:** Java 11, Spring Boot, Hibernate, React, MySQL, PostgreSQL, Jenkins, GitLab CI, Git, Gradle, Docker, Kubernetes, Helm, AWS.

**Senior Software Engineer, US-based digital services company**

**Duration:** Oct 2018 - Jul 2019

**Summary:** US-based digital services company providing software product design and development services.

**Responsibilities:** Pioneered transforming a monolithic architecture to a scalable Java microservices architecture for a leading medical device manufacturer specializing in sleep care.

**Technologies:** Java 8, Spring Boot, Hibernate, Microservices.

**Software Engineer, Global product development and digital platform**

**Duration:** Oct 2017 - Sep 2018

**Summary:** Global product development and digital platform engineering services company.

**Responsibilities:** Developed and maintained e-commerce solutions across European countries for a leading international retail group in the beauty and household goods industry.

**Technologies:** Java 7/8, Hybris, Spring, JSP, Docker, Oracle, MySQL, RabbitMQ, Tomcat, Gradle, Jenkins, Git, svn.



## **Software Engineer, US-based digital services company**

**Duration:** May 2016 - Sep 2017

**Summary:** US-based digital services company providing software product design and development services.

**Responsibilities:** Transformed legacy system into a comprehensive Java-based software ecosystem to facilitate efficient phone number and SIM card management for telecom operators.

**Technologies:** Java 7, Spring Boot, JSP, SOAP, Oracle, WebLogic, Git, Gerrit, Maven, Jenkins.

## **EDUCATION**

### **National Aviation University**

Master's degree in Computer Science

Sep 2015 - Jun 2017

### **State Polytechnical University**

Master's degree in Engineering

Sep 1998 - May 2003

## **CERTIFICATION**

### **Professional Scrum Master level I (PSM I)**

March 13, 2021

