

SERGIY SHRAM

SENIOR JAVA BACKEND ENGINEER

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PROFILE

Senior Java Backend Engineer with 10+ years of experience building enterprise backend systems, microservices and security-focused applications. Strong hands-on background in Java, Spring Boot, REST APIs, Azure Cloud, Docker, Kubernetes, RabbitMQ and SQL/NoSQL databases. Delivered 20+ microservices for a transaction processing and invoicing platform and led a 21-developer Samsung engineering team. Currently developing an internal enterprise tool at IDEALAB, LLC.

TARGET ROLE

- Senior Java Backend Engineer | Senior Java Software Engineer | Backend Engineer
- Preferred environment: Java + Spring Boot + Microservices + Cloud + Distributed/Event-Driven Systems
- Domain strengths: Payments, Transaction Processing, Security, Enterprise Platforms

TECHNICAL FIT

- Java 25 | Spring Boot | Spring Security | Hibernate | REST | OpenAPI | Microservices
- Azure | Docker | Kubernetes | CI/CD | GitHub | IntelliJ IDEA | Apache Tomcat | UNIX
- RabbitMQ | Azure Service Bus | Apache Kafka | Event-driven processing
- PostgreSQL | MongoDB | Azure SQL | IBM DB2 | MySQL
- OAuth2 | SAML | Keycloak | Secure API Development
- Agile | SFAE | Team Leadership | Architecture & Technical Planning | Performance Optimization

PROFESSIONAL EXPERIENCE

Senior Software Engineer | IDEALAB, LLC | Oct 2025 – Present

Project: Internal enterprise tool

- Developed and maintained backend functionality for an internal enterprise tool using Java and Spring Boot.
- Designed and implemented REST APIs and backend components supporting internal business workflows.
- Worked with existing services, integrations and business logic, improving reliability, maintainability and overall system functionality.

Senior Java Developer | SoftServe Ukraine-USA / CarGurus | May 2025 – Sep 2025

Project: Internal infrastructure tool

- Developed and optimized RESTful backend APIs for internal services and frontend integrations.
- Integrated Keycloak as a service.
- Extended existing backend functionality and maintained production-oriented service behavior.

Senior Java Developer | Luxoft Ukraine / DXC Technology / UTA Edenred | May 2021 – Feb 2025

Project: EMEA fleet card management, payments, transaction processing and invoicing platform on Azure

- Delivered 20+ Java microservices as part of a modernization program replacing a legacy invoicing platform.
- Designed and implemented REST APIs for transaction processing and invoicing workflows, with emphasis on security, integrity and performance.
- Implemented asynchronous processing with RabbitMQ and Azure Service Bus to support reliable transaction handling.
- Integrated services with DB2, Azure SQL, MongoDB and existing legacy components.
- Optimized MongoDB and Azure SQL queries to improve latency and application efficiency.
- Led integration and deployment of microservices in Microsoft Azure, contributing to scalability and secure delivery.
- Worked in a 10-person development squad within a 100+ person international SFAE product organization.
- Contributed to technical delivery, Agile ceremonies and modernization of enterprise payment/invoicing capabilities.

Lead Software Engineer | Samsung Electronics R&D | Feb 2019 – Nov 2020

Project: Security vulnerability tracking and analysis platform

- Developed a Spring Boot backend platform using Hibernate, MariaDB and MongoDB.
- Designed and implemented OAuth2 and SAML SSO authentication for secure access control.
- Built and maintained REST APIs for internal and frontend-facing services.
- Conducted security research and contributed to vulnerability-analysis capabilities.

Team Lead | Samsung Electronics DTV Security | Mar 2016 – Feb 2019

Project: Digital TV security solutions

- Led 21 developers across three projects, combining people leadership with technical planning and delivery.
- Performed requirements analysis, project planning and technical documentation.
- Developed client-server applications using Java, Spring and PostgreSQL across Tizen TV, Tizen Mobile and IoT environments.
- Conducted security research and reverse engineering.

R&D Software Engineer | Samsung Electronics | Apr 2012 – Feb 2016

Project: Samsung Android and Web Portal

- Developed Java/Spring software using PostgreSQL for Samsung web and embedded platforms.
- Worked with Android SDK and Embedded Android on security-related integrations.
- Contributed to Samsung Android SDK development and full-stack web portal development.
- Performed security research and embedded security integration.

Project Manager | Creative Design Agency | Sep 2010 – Dec 2012

Project: Personal and company brand development

- Managed client communication, project planning and delivery meetings.
- Coordinated landing-page and branding projects and conducted creative research.

CAREER BREAK

- Dec 2020 – Apr 2021: Professional development and competitive kart racing; completed online IT courses.

EDUCATION

- B.S. in Computer Science — Chernihiv Polytechnic National University, 2005–2010

CERTIFICATIONS & TRAINING

- Java Microservices Development — Luxoft (2024) | SAFe Certified Practitioner (2023)
- RabbitMQ & Spring Boot (2021) | Professional Java Development (2021) | Spring Security (2020)
- Project Management — Samsung (2018) | MongoDB Certification — MongoDB.com (2015)
- Global Samsung Coding Competition — Finalist (2019)

LANGUAGES

- English — Advanced | Ukrainian — Native | Russian — Fluent

ADDITIONAL

- Professional kart racing: 11th Ukrainian Championship (2021); 2nd Ukrainian Championship (2012).
- Available for Senior Java Backend opportunities in Amsterdam / Randstad.