

Ilya Kovalkov

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PROFILE

Skilled Java software developer with over 6 years of experience. Proficient in Spring Framework, integration solutions, IAM, relational, and NoSQL databases. The profile is complemented by knowledge of Kotlin, Quarkus, Docker, DevOps approaches, microservices and distributed systems. Experienced in designing information systems and software architecture. Strong problem-solving abilities and delivering high-quality software.

TECHNICAL SKILLS

Programming languages: Java, Kotlin **Scripts & Queries:** Groovy, SQL, JPQL, Python, Bash
Frameworks: Spring Boot, Spring Data, Spring Cloud, Quarkus, J2EE, Java EE, Hibernate, Apache Camel
Testing: JUnit, AssertJ, Mockito, Spock Framework, End-to-end testing
Databases: MySQL, PostgreSQL, MongoDB, Redis, DynamoDB Apache Solr, Elasticsearch
Integration: REST, OAuth 2, OpenID, Kafka, MQ (IBM MQ, RabbitMQ, ActiveMQ), gRPC, GraphQL
Architecture patterns: Microservices, SOA, Event Driven, Message Driven, Domain Driven, EIP
Developer Tools: Maven, Gradle, Git, Docker, Docker-Compose, Postman, Liquibase
CI/CD and DevOps: Jenkins, GitHub Actions, Ansible, Docker Swarm, Prometheus, Grafana, Kibana

EXPERIENCE

- Java Developer — IT-Consultant** Apr. 2024 – Present
FERENDIN Engineering GmbH Remote, Germany
- Designed and implemented backend part for an affiliate discount program (a greenfield project)
 - Implemented a customer service replacement using AI technologies (LL-Models)
- Java Developer — Software Engineer (E-Commerce)** Jul. 2021 – Apr. 2024
Outletcity AG (OUTLETCITY METZINGEN) Metzingen (Remote), Germany
- Enhanced the existing online shop based on SAP Commerce (Hybris). Implemented new features as separate microservices using Spring Boot and Java. Reduced database load with fast intermediate storage
 - Integrated Single-Sign-On (SSO) with Keycloak and implemented Social Sign-In methods (Google, Apple ID)
 - Designed collaborative with the team a new overall architecture for an online store (marketplace). Responsibility for the design of the login and registration process, multi-service interaction to gain access to confidential user data
- Java Developer — Software Engineer (Integration)** Jul. 2020 – Jun. 2021
Innotech Ltd. (VTB Group) Moscow (Remote), Russia
- Participated in the design of a new integration platform's concept and its architecture
 - Developed components of a new integration platform and tools to automate the development process
 - Key role in the development of an asynchronous library for connecting systems to the integration platform
- Java Developer — Software Engineer (Integration)** Mar. 2018 – Jun. 2020
Sberbank-Technologies Moscow (Remote), Russia
- Automated all possible processes, including the development process, testing, as well as CI/CD
 - Developed integration solutions, integration frameworks and designed of interactions between various systems
- Automation engineer** Sep. 2011 – Mar. 2018
IT-Engineering Ltd., from 2016 - Belshpala inc. Belgorod, Russia
- Design of industrial automation solutions. Integration of security and enterprise management systems.

EDUCATION

- Belgorod State Technological University named after V.G. Shukhov** Sep. 2007 – Jun. 2011
Subject area: Enterprise economy Belgorod, Russia
Qualification: Dipl. Economic and Management Sc.
- Belgorod State Technological University named after V.G. Shukhov** Sep. 2004 – Dec. 2006
Subject area: Information systems and technologies Belgorod, Russia

LANGUAGES

German: Proficient
English: Intermediate
Russian: Native