



Oleksandr Korzhenko

Software Engineer, Java Developer

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PERSONAL STATEMENT

Software developer with over 15 years of experience, including 8+ years focused on commercial Java development, primarily in backend systems.

In recent years, I have contributed to high-load commercial projects, utilizing the following skills:

- Jersey EE, Java EE
- Spring Framework (MVC, WebFlux, Data, Security, Cloud)
- SQL (MS SQL, MySQL, PostgreSQL)
- Kubernetes, Helm
- AWS cloud
- Scala, Python, Go, JavaScript

Additionally, I have experience with: Microsoft Azure Cloud services, Google Cloud Services, Oracle Cloud Infrastructure, GitLab CI/CD, NoSQL (MongoDB, Cassandra), GraphQL, Jenkins, TeamCity, Jira, Git, and others (detailed below).

Responsibilities included discussing and implementing new features, developing new microservices, creating unit and integration tests, and deploying/managing infrastructure (Kubernetes, AWS, Google Cloud, Microsoft Azure).

Languages: English (Upper Intermediate), Spanish (Basic), Ukrainian (Native), Russian (Native).

Currently residing in Spain, I am seeking remote opportunities and open to business trips. I am available to work as a private entrepreneur.

I am confident I can be a valuable asset to your team.

JOB EXPERIENCES

Software Engineer, Backend Developer

November 2020 - November 2024(4 years)

[at Intellias](#)

[Client: HERE Technologies](#)

Developed and maintained a core service for map-making, location technologies, and automotive services. This microservices-based platform serves Apache Spark and Flink applications utilizing Kubernetes.

Key Responsibilities & Achievements:

- Designed and implemented new API versions, ensuring backward compatibility.
- Developed new microservices and supporting applications based on project requirements.
- Refactored data structures while maintaining data integrity and compatibility.
- Developed a tool for analyzing external service costs (AWS, Azure, Splunk Cloud etc), leading to restructuring and achieving up to 40% cost savings.
- Worked extensively with Kubernetes (k8s) for deployment and management.

- Analyzed requirements, defined tasks, and created related technical documentation.

Technologies: Java (8-17), Jersey, Scala, PostgreSQL, JUnit, Cucumber, OpenAPI, REST API, Git, distributed GitLab CI/CD, Python (Pandas), Kubernetes, Splunk, Go.

Client: Major Ukrainian Telecom Operator

Developed and supported a B2B application for the client's partners, enabling specific business functionalities (e.g., order management, reporting).

Key Responsibilities:

- Backend development and feature implementation using Java and Spring Boot.
- Database design and interaction (MySQL, Oracle).
- API development and integration.
- Collaboration on frontend integration (React Native/JS).
- Maintenance and support of the application.

Technologies: Java (8, 11), Spring Boot, Spring MVC, Spring Data, Spring Security, Hibernate, MySQL, Oracle DB, Scala, Gradle, REST API, Git, GitLab CI/CD, React Native, React JS.

Software Engineer, Java Backend Developer

Nov 2019 - May 2020(7 months)

[at Quince](#)

Developed a new e-learning platform for a major global electronics manufacturer.

Key Responsibilities & Achievements:

- Collaborated on feature requirements, design, and implementation for the platform.
- Designed and implemented a new reporting system using Google BigQuery, including data migration and consolidation from various sources.
- Developed RESTful APIs and designed database schemas (MySQL, MongoDB/DocumentDB).
- Architected and provisioned core AWS cloud infrastructure components (ECS, RDS, DocumentDB).
- Established CI/CD pipelines using GitLab CI/CD to automate build, testing, and deployment processes.
- Refactored existing code for improved performance and maintainability.
- Implemented Single Sign-On (SSO) capabilities.

Technologies: Java 8, Spring Boot (1.5.x), Spring MVC, Spring Data, Spring Security, Hibernate, MySQL, AWS RDS, MongoDB, Amazon DocumentDB, Google BigQuery, SSO, Gradle, AWS ECS, REST API, Git, GitLab CI/CD.

Software Engineer, Java Backend Developer

Sep 2016 - Apr 2019(2 years 8 months)

[at DashDevs Ltd](#)

Client: Cigarette Manufacturer

Developed backend systems for a platform managing merchandisers.

Technologies: Java 8, Spring Boot (1.5.x), Spring MVC, Spring Data, Spring Security, Hibernate, Liquibase, PostgreSQL, AWS RDS, Azure Databases, Gradle, ELK Stack, REST API, JHipster, AWS S3, Azure Blob Storage

[Client: Bolt Scooter Rental \(Miami\)](#)

Developed backend systems for a platform managing scooter rentals and tracking in the USA.

Technologies: Java (8, 12), JDBC, Liquibase, MySQL, Maven, WebSockets (Jetty, Netty), AWS (various services), Docker, Git, Jenkins

[Client: ePrintIt](#)

Developed a cloud printing solution serving users in the USA, India, and Malaysia.

Technologies: Java 8, REST API, Spring MVC, Spring Security, Spring Data, Azure Blob Storage, Azure Cloud, MySQL, MS SQL, JDBC, Microsoft Migration Tool

Client: Europe's Leading Public WiFi Provider

Developed systems supporting Europe's largest public WiFi network across hotels, health institutions, restaurants, and retail.

Technologies: Java 8, Spring Boot, Spring MVC, Spring Security, PostgreSQL, Spring Data, Liquibase, Hibernate, Gradle, REST API, JHipster, AWS S3, AWS RDS, AWS EC2

Software Engineer

Apr 2014 - Sep 2016(2 years 6 months)

at AST-International Environment

Contributed to the development and integration of warehouse management systems (WMS).

Key Responsibilities:

- Developed core features for a warehouse management system.
- Created a mobile client application for the WMS.
- Integrated WMS with EGAIS (Russian state system) and mobile applications.
- Collaborated on developing an ETL system using XPath for SQL data migration.
- Implemented server-side REST APIs for communication with the mobile warehouse app.
- Developed new data dictionaries, printed forms, and reports within the WMS.

CERTIFICATION

Developing Applications with Google Cloud Platform

2019

[Certificate](#)

Architecting with Google Cloud Platform

2019

[Certificate](#)