Ivan Verhun

Java Developer, TL

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Objective

After four years as a C-level executive, serving as CTO at Jappware, I am enthusiastic about transitioning back to my engineering roots. I am seeking a **Senior Java Developer** or similar role where I can leverage my extensive technical expertise and leadership experience to make significant contributions and become an integral member of my next organization.

About me

I'm an experienced Java engineer and team manager, with a proven ability to drive the team toward the company's goals. Besides the technical experience, my strongest areas are communication and presentation skills, result orientation, attention to detail, and the ability to ensure the highest quality of service for the customer.

I'm also a co-founder, co-leader, and speaker at Lviv Java Club: [https://www.javaclub.lviv.ua/, https://www.youtube.com/@lvivjavaclub] speaker at CoffeeJUG and active member of the local Java community.

Highlights of Tech Skills

- Java 11-22, Python, JavaScript
- AMQP (RabbitMQ), JMS (ActiveMQ)
- REST API, Thymeleaf, JQuery
- Spring Framework (Boot, MVC, Data, Cloud, etc.)
- JDBC, Hibernate, MyBatis
- MySql, PostgreSQL, Influx DB, DynamoDB, MongoDB
- Linux power user (Debian/Ubuntu)
- AWS (EC2, S3, ECS/Fargate, Amplify, Cognito, and others.)
- CI/CD, Jenkins, Github Actions, Bitbucket Pipelines
- Agile/Scrum, Code Review, TDD, BDD,
- SOA, Microservice Architecture

Work experience
(only the most significant and interesting projects included)

CTO

***Jappware** (February 2020 – March 2024)*

I joined Jappware with the simple goal of unloading the CEO/Founder from his routine tasks and enabling him to focus on business development. But in a short time, I ended up being involved in business development, aiming to convert a small team of mostly junior engineers into a scalable organization.

Achievements:

- Designed and implemented system and infrastructure architectures for several projects;
- Conducted hundreds of interviews;
- Conducted numerous trainings on tech and managerial topics;
- Facilitated knowledge sharing; helped engineers with their tech presentations;
- Contributed to the development and implementation of the company strategy;

Team and Tech Lead, Java Engineer
Inditex, Architecture Team *(Lohika, July 2019 — December 2019)*
In the Architecture Team, we were responsible for performance improvements of several applications and the development of several training programs for other teams.

Achievements:

- Reduced startup time of several desktop applications (one of them 4.5 times);
- Consulted team to set up an efficient agile (Kanban-like) process, minimizing processual overhead and avoiding useless ceremonies;
- introduced several useful methods to improve communication and collaboration within the team;
- Introduced unit testing into some applications;
- Designed Git training.

Tools & technologies: *Java, Java Web Start, Spring, Windows*

Team and Tech Lead
Twilio Studio *(Lohika, January 2019 — May 2019)*
Twilio Studio is a flowchart-like environment for building Twilio Programmable Voice and Programmable Messaging workflows.

Achievements:
> I coordinated team efforts and led communication with the customer. I also designed and implemented backend business logic and end-to-end API tests for several UI widgets.

Tools & technologies: *Java 8, Dropwizard, Jersey, Jackson, JUnit, Mockito, Jenkins, Maven, Java*

Team and Tech Lead
Twilio Messaging - Load Testing *(Lohika, March 2018 — December 2018)*
Load tests for a highly loaded micro-services architecture with tens of roles and hundreds of AWS-based instances.

Achievements:
> I participated in the design and implementation of a generic load-testing framework based on JMeter. I implemented several load tests, both service-specific with mocked downstream dependencies and end-to-end.

Tools & technologies: *Java 8, JMeter, JUnit, WireMock, Jenkins, Maven, Python, bash, DataDog*

Team and Tech Lead
AirAsia SSO (Lohika, July 2017 – December 2017)
The objective of the project is to increase member sign-up and member bookings. The main changes are to simplify the member registration, update the member profile from all the applicable channels, and with more social login options.

Achievements:
> I was responsible mainly for organizational issues. In this position, I managed to improve the communication process, efficiency of status and technical meetings, planning, and time tracking. I also helped to resolve several technical issues.

Tools & technologies: AWS Services (API Gateway, Lambda functions, EC2, KMS), OAuth2, JWT, Google Pub/Sub, NodeJS

Team and Tech Lead
AirAsia DDT Service (Lohika, December 2016 – June 2017)
DDT Service is a web application (Web UI + RESTfull backend) aimed to simplify AQA engineer's life. The service allows AQAs to define fine-grained reusable and extensible testing components (like UI controls, actions, or events) and combine them into logical groups, supply the groups with test data, and execute the resulting scenarios on a connected Jenkins server.

Achievements:

- Lead the team from the requirements collection stage till the final project delivery.
- Estimated, designed the system, and prepared technical specifications.
- Designed and implemented REST service adhering HATEOAS approach.
- Created comprehensive test-driven API documentation.
- Implemented REST API integration with Jenkins. Configured Jenkins jobs.
- Improved communication process, efficiency of status and technical meetings, planning, and time tracking.

Tools & technologies: Java 8, Spring Boot, Spring Data, MySQL, MockMvc, RestDoc, AsciiDoctor, Mockito, Gradle, AWS, Jenkins, REST, HATEOAS, Robot Framework., Java, AWS

Team and Tech Lead
ClearSlide API (Lohika, July 2016 – November 2016)
ClearSlide helps top sales & marketing organizations better engage customers to deliver better business outcomes. We are developing REST API microservices to provide customers with an easy-to-use programming interface for the ClearSlide platform.

Achievements:
- Led the engineering team of 3 people;
- Developed several REST API microservices from scratch;
- Set up an efficient communication and development process with the customer

Tools & technologies: *Java 8, Spring Boot, Spring Data (JPA), JsonApi/Katharsis, AWS (Elastic Beanstalk, EC2, API Gateway), REST, JUnit, RestAssured, MySQL, Gradle*

Team and Tech Lead
JFrog Mission Control *(Lohika, May 2015 – June 2016)*
JF MC offers centralized control, management and monitoring of all the Artifactory servers in an organization. It provides a flexible and easy-to-use way to configure several Artifactory instances with just a few clicks using modern responsive UI and simple but powerful configuration scripts. Mission Control also allows you to constantly track the status and health of your binary repositories thanks to its powerful and extensible multithreaded monitoring module.

Achievements:

- Led the engineering team, which has grown from 3 to 6 people in a few months;
- set up an effective development process;
- taken an active part in the product architecture design from scratch;
- designed and implemented critical modules such as custom persistent storage based on json files, extensible multithreaded monitoring facility, REST API, and many others;
- contributed to the open-source artifactory-java-client library;
- successfully released 4 versions of the product;
- build a self-organized, highly motivated, and friendly team;
- trained and mentored junior staff.

Tools & technologies: *Java 8, Spring (Boot, DI, AOP, security), JAX-RS (Jersey), Jackson, Git (JGit), REST, Groovy, Lombok, java concurrency API, JUnit, Mockito, Wiremock, rest-assured, Maven, Gradle, Vagrant, Docker, Linux/Windows*

Team and Tech Lead
Usermind *(Lohika, January 2015 – May 2015)*
Usermind builds software as a service, which allows marketing and business operations teams to architect blissful customer experiences across all teams and systems with no coding.

Our team was developing an integrations platform, responsible for fetching and writing data from/into a bunch of third-party services, like Salesforce, SurveyMonkey, Marketo, etc.

Achievements:

- Created a REST API application backed by DynamoDB storage to manage (configure, schedule, and track) the integrations.
- Implemented one of the connectors fetching data from a third-party service.

Most important tools & technologies: *Java 8, AWS (DynamoDB, SWF, S3, Kinesis), REST, BDD, JUnit, Unix*

Team and Tech Lead
Opower *(Lohika, January 2013 –December 2014)*
Opower is a company that partners with utility providers around the world to promote energy efficiency

Our team's responsibility was to develop the energy efficiency reporting system considering specifics of, and dedicated for the small and medium businesses.

Achievements:

- Designed system architecture; made technology stack decisions.
- Implemented major parts of the data import flow and report generation flow, as well as AngularJS-based Admin UI application.
- Implemented centralized logging functionality using logstash.
- Inspired the team to use modern approaches (BDD) and technologies (Jbehave, Thucydides) for automated e2e and acceptance testing.
- Developed and supported release process, and set up CI and deployment jobs.
- Introduced an effective code review process.
- Started project from scratch and successfully delivered a product, which is now in production.
- Build a cross-functional team of 5 engineers and 2 QA, producing high-quality software with a low number of defects.
- Set up efficient development processes and communication with customers.

Most important tools & technologies: *Spring, AMQP/RabbitMQ, MyBatis, Hibernate, Selenium Web Driver, JBehave, JUnit, Mockito, MySql, Amazon S3, Maven*

Java Developer
Marktplaats.nl *(Lohika, September 2011 – July 2012)*
Marktplaats.nl, a member of eBay group, is a classified advertising site based in the Netherlands. It is the most popular e-commerce site in the Netherlands — reaches 46.9 percent of the Dutch online population; with close to 300,000 new ads daily. The parts of the site are separate Java web applications, and some of them are developed by a Ukrainian team.

Achievements:

- Designed and implemented flexible persistence API based on Hibernate Criteria API.
- Investigated and fixed SQL query performance issues.
- Refactored a lot of code to improve readability and maintainability.
- Improved test coverage.
- Started an Internationalization project in a team lead role with a brand new team.

Tools & technologies: *Spring, Apache Thrift, Hibernate, Selenium, JUnit, EasyMock, MySql, Maven*

Java Developer
Recommendation Engine *(Lohika, July 2011 – August 2011)*
SaaS information filtering system that seeks to predict the 'rating' or 'preference' that a user would give to an item (such as music) they had not yet considered, using a model built from the user's viewing history.

Tools & technologies: *Spring, Hibernate, Hadoop, MongoDB, MySql, Maven*

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Java Developer
Bazaarvoice *(SoftServe, September 2007 – June 2011)*
Product that helps the world's best brands to capture, analyze, and – most importantly – act on social data. It's a SaaS product providing Rating&Reviews, Questions&Answers, and User Stories functionality for their clients, as well as the tools to moderate user-generated content and capture and analyze various metrics.

Tools & technologies: *Java, Spring, Hibernate, iBatis, Servlets, Tapestry 3, FreeMarker, jQuery, Ant, Tomcat, TestNG, Selenium, MySql*

Java Developer
Virtual PBX *(Ericpol Telecom, June 2005 – March 2007)*
Innovative telecommunication project for the major telecom operator. Development of administration web application part of the system.

Tools & technologies: *Java, Portlets, Servlets, Tapestry 4, Eclipse, Ant, Maven, Tomcat, JBoss Portal, Hivemind*

Education	Master's degree in Applied Mathematics *Ivan Franko L'viv National University, Ukraine (2000 – 2005)*

Certificates and Courses
- Oracle Certified Professional, Java SE 6 Programmer
- LITS Basics of IT Team Management course
- LITS People Management course

Languages
- English
- Polish

Hobbies   3D Printing, Hiking

Location   Lviv, Ukraine