

# Yury Kosharovskiy

## Technical Lead

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## Summary

An IT professional with more than 15 years of experience in different IT areas. Currently leading the design and development of a new generation of crucial platform for rendering and printing documents in a global logistics company.

## Core Skills

- Software and IT systems design and architecture
- Software development
- Software testing and quality assurance
- DevOps practices
- Public and private clouds
- Responsibility and high culture of development

## Core Technologies

Java, Spring Framework, Spring Boot, Maven, junit/Mockito, Docker, OpenShift, RabbitMQ, Apache NiFi, PostgreSQL, Git, AWS (Lambda, API Gateway, DynamoDB, S3, SQS, CodeCommit, CloudFormation, Cognito, Route 53, CloudFront, IAM)

## Recent Experience

### IT Systems Architect

April 2022 to current time - [Kuehne+Nagel](#) (Tallinn, Estonia)

- Built solution design of microservices system that allows 3 regional development teams to apply country specific customizations to the platform for rendering and printing documents
- Tripled system capacity by launching processing clusters for 2 more regions: America and Asia

### Output Management Solution Architect

September 2019 to April 2022 - [Kuehne+Nagel](#) (Tallinn, Estonia)

- Increased stability, maintainability and traceability of the solution for rendering and printing ~14M documents per month by designing and launching a new distributed cloud platform using Apache NiFi and OpenShift
- Expedited delivery of the aforementioned platform by coordinating efforts of the distributed development team of 3 programmers, 2 QA and 1 DevOps

## Senior Document Management Software Engineer

September 2017 to September 2019 - [Kuehne+Nagel](#) (Tallinn, Estonia)

- Enriched development team experience by suggesting solution design and prototyping a new service for idempotent reliable duplication-free processing and storing for more than 1M company documents per day
- Improved the quality of the current solution and accelerated first release
- Strengthened internal development team by interviewing, onboarding and mentoring 3 external employees (2 Dev, 1 DevOps)
- Increased MongoDB search performance by 10 times by adding indices for specific fields

## Software Engineer

April 2016 to September 2017 - [Netcracker](#) (St. Petersburg, Russia, for [Netcracker](#), USA, MA)

- Resolved critical bugs and enhanced reliability and stability of the solution for the second largest telecommunication company in Australia
- Saved the time of a QA team by assisting with issues assessment
- Reduced a number of potential issues by fulfilling gaps and discrepancies in design documents in close collaboration with business analysts

## Software Engineer

May 2012 to April 2016 - [Coddan Technologies](#) (St. Petersburg, Russia, for [Applied Materials](#), USA, CA)

- Enhanced developers productivity by implementing a framework for calling the same PHP code in 4 different ways: CLI, source code, HTTP, task scheduler
- Boosted user experience by creating .NET ClickOnce desktop client for Release Planning Tool API and local snapshot of IBM ClearCase version control system repository
- Improved mutual understanding in the team regarding IBM Lotus Notes entities migration to Atlassian Jira during month business trip to Applied Materials office in USA, CA

## Education

Master Degree in Automated Data Processing and Management Systems. St. Petersburg University of Printing, Information Systems Department, 2006.

## Courses

- Software Architecture Methodology, [Luxoft Training](#), September 2019
- Java EE Developer (Enterprise Applications Architecture, Hibernate, Spring, Velocity, Struts, Struts2, Web Services), Bazis Education Center, certificate, 2009
- Web Technologies, [certificate](#), 2003

## Certificates and Tests

- [AWS Certified Developer - Associate, April 2021](#)
- [AWS Certified Solutions Architect - Associate, September 2020](#)
- [Oracle Certified Associate, Java SE 8 Programmer, May 2016](#)