

LEONIDS MASLOVS

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SENIOR ENGINEER, TEAM LEAD

Profile

Experienced IT professional with 10+ years of results-driven leadership, adept at leading teams of 3-10 people to drive growth and scale distributed systems. Strong technical skills with a hands-on approach, spending at least 50% of time in development. Committed to process improvement, best practices, simplifying the stack, and enhancing products.

Skills

Industry experience

5+ years with insurance markets (online sales channels and government regulators)

3+ years with e-Commerce (PoD online sales channels and supplier integrations)

2+ years with fintech markets (banking and brokerages)

Practices

DDD, Event Storming, μ Services, TDD, CQRS, CI/CD,..

Leadership

5+ years as technical lead (lead developer, senior developer, solution architect)

5+ years as team lead (technical project manager, engineering manager)

Trustful mentor eager to support and learn in the process

Engagement

Co-organizer of DevTernity conference

Project Direction

3+ projects served as the solely responsible for the roadmap, direction, team and delivery.

2+ fixed cost projects, wrote the tender bid, led delivery, change management and follow up maintenance.

Languages

 ENGLISH Advanced

Technical

Proficient

Java

PHP

Spring

OpenAPI, Swagger

PostgreSQL, PL/pgSQL

Oracle, PL-SQL

DDD, μ Services

Hexagonal Architecture

TDD

AWS CloudFormation

Ansible

JMeter

Knowledgeable

Python

Javascript

Apache Camel

Symfony

Mongo

MS SQL, T-SQL

Orchestration vs Choreography

CQRS

Event Storming

Terraform

SaltStack

Gatling

Familiar

Golang

C#, .Net

Laravel

GraphQL

Snowflake

Redis

BDD

ReactiveX

Event Sourcing

AWS CDK

k6s

Recent Experience

Jeff

Senior Java Software Engineer

Riga, Latvia **2022/07-present**

All-round Jeff product support and core platform system development. As SWE, took responsibility for small-to-medium initiatives, system design and technical roadmap.

Accomplishments:

- successful introduction of QA environment, reduced feature delivery cycle 2x
- successful introduction of best-practice agreements, reduced rework 1.3x
- essential to introduce technical-issues review and regular walk-the-kanban-boards sessions, reached feature team predictability within 20% of planned scope.

Technologies: Java, Spring Boot, Next.js, Terraform.

Gravity

Software Engineer

Riga, Latvia **2022/01-2022/04**

As SWE, main focus on takeover and succession of the Triangular bot [Binance]. Reported directly to CTO.

Accomplishments:

- replaced ad-hoc Google Sheet reports with realtime Prometheus/Grafana dashboards, reduced experiment cycles 8x (days to hours)
- design & launch of new front-runner strategy, reduced commissions 1.05x
- concurrency optimizations (in Rust), 2x scale-up of peak activity
- automated devops scripts.

Technologies: Python, async/eventloop, Rust.

Printify

Engineering Manager

Riga, Latvia **2018/07-2021/12**

Design and delivery of Printify Supply API and redesign of the integration on-boarding experience. As EM, represented the Supply department in Engineering, responsible for the Supply hiring pipeline, team personal development, system design and technical roadmap. Reported directly to CTO.

Accomplishments:

- successful migration of 15 customized suppliers' APIs to unified Printify API
- launch and orchestration of 40+ new partners integrated via Printify API
- 10x scale of operations with 10x decrease in technical errors and maintenance costs
- 70k orders daily in peaks.

Technologies: PHP7, PHP8, Symfony, MongoDB, MySQL, OpenAPI, Swagger, SDK.

Besk

Team Lead / Lead Developer

Riga, Latvia **2017/07-2018/06**

Development of crypto-exchange backend engine. Was responsible for system architecture, technical roadmap, implementation and delivery. Accomplishments:

- launch of 2 white-label solutions
- exchange API for market makers.

Technologies: Java8, Spring, Gatling.

Knowledgeprice.com

Technical Project Manager / Solution Architect / Developer

Riga, Latvia **2011/05-2017/09**

Consultancy: project management in the scope of system and business analysis, planning, delivery timeline, budget and scope for enterprise-level insurance and banking projects. Always hands-on and taking active part in system implementation and development. Technical contact & go-to person for several major clients. Reported directly to CTO. Accomplishments:

- launch of nation-wide (Norwegian) groceries sales aggregator, soft real-time
- client's whole stack migration from in-house hosting to AWS
- led several bids for Norway government tenders.

Technologies: Java, Spring, Oracle, Apache Camel, .Net, WebForms, MS SQL, Android, WSS, JAXB, jQuery, Twitter Bootstrap, PostgreSQL, Play Framework, AWS(...), Linux, Selenium, Activiti, Ansible, Terraform, ...

Sony Ericsson

Jira Integration Consultant

Lund, Sweden **2010/11-2011/04**

Existing issue bug-tracking and Development process migration from IBM ClearQuest to Atlassian JIRA. Accomplishments:

- developed proof of concept and presented to business group representatives
- set up and introduced automated integration and performance test suites.

Technologies: Java, Atlassian PDK, Javascript, JQuery, JQuery UI, Git, Clearcase, Hudson, ...

Selected Projects

Nation-wide (Norwegian) groceries sales aggregator

Technical Project Manager / Solutions Architect

2016/05-2017/08

Tender bid, planning, design, delivery, budget and request for change scope management. Main technical challenges were multiple heterogeneous integrations, complexity of POS data standard and scale. The system performed the data collection, transformation, post-processing and analysis. Additionally, mobile (hybrid) applications and interactive analytical dashboards (maps) were developed.

Scale: 3 groceries chains integrated, ~10 integration points, 4GB (4, 000, 000) sales / daily...

Technologies: Java8, Spring, Apache Camel, AWS SQS, Postgres 9.5, Docker, AWS RDS, AWS Lambda, AWS Gateway, SFTP, Git, Jenkins, Ansible, Prometheus, Elasticsearch, Kibana, Mongo, React, React Native, Travis iOS builds, Sonarqube

Government Consumer council system migration to AWS

Solutions Architect / Lead developer

2014/07-2014/10

Existing multi-site migration from 3rd party hosting provider to AWS Cloud. Tender bid, planning, design, delivery, budget and request for change scope management. The project was launched in parallel to different maintenance project.

Achievements:

- single-handed designed proposal for switch to AWS cloud
- automated the whole platform stack orchestration and provisioning
- designed operations and support procedures
- migrated TEST, STAGE, PROD environments to AWS Cloud.

Technologies: CloudFormation, SaltStack, Vagrant, NFS, GlusterFS, Java, Enonic, PostgreSQL, Linux Cron, Redhat OS, Ubuntu, Amazon Route53, Amazon SES, Amazon SNS, Amazon CloudWatch, Amazon Cloud Trail, Amazon ELB, Amazon RDS, Apache Tomcat, Apache HTTPD, Squid, IPtables, NAT, OpenLDAP

Education

 M.Sc., Information Technology
Riga Technical University

2005-2007

 B.Sc., Information Technology
Riga Technical University

2002-2005