

Nick Laptev

CTO, Architect

Wide experience in different business and technical fields

EXPERIENCE

[Crossover](#), Remote — *Subsystem CTO / VP of TPM*

APRIL 2022 - PRESENT

1. Made the most important technical decisions in data driven way in child companies with a portfolio of hundreds of products (including Jive, FogBugz, Sococo, BiznessApps, Engine Yard, Kayako, CloudFix).
2. Technical due diligence during pre-acquisitions.
3. Architecture governance for all products.
4. Simplified overgrown products dramatically by concentrating on core value.
5. Saved millions with cost optimisations in AWS infrastructure practicing FinOps.

[S7 Airlines](#), Moscow (RU) — *Senior Solutions Architect*

OCTOBER 2021 - APRIL 2022

1. Significant improvements in quality, security, performance and scalability of all products.
2. Designed notifications platform from scratch that sends messages to 12+ millions of passengers.

[Kick](#), Remote — *Technical Consultant/Solutions Architect*

SEPTEMBER 2021 - NOVEMBER 2021

Migrated fintech product from Heroku to AWS.

[EPAM](#), Saint Petersburg (RU) — *Solutions Architect*

FEBRUARY 2020 - OCTOBER 2021

1. Designed solutions for [Thomson Reuters](#), [Inditex](#), [Allianz](#), [Synchron](#), [Onit](#), [BlueJay](#), [Sogaz](#), [PerkinElmer](#)
2. Brought millions of dollars and loyal clients to EPAM.
3. Decreased the price of genetic analysis by 30%.
4. Designed system provisioning in both US and China AWS regions.
5. Improved performance of a distributed system by 50 times.

[Geektastic](#), Remote — *Code Reviewer*

MAY 2019 - APRIL 2020

Reviewed code challenges to help the world's top tech companies to hire the best developers. Part-time job.

[LinkedIn](#)

[Website](#)

[GitHub](#)

[Detailed resume](#)

nickolay.laptev@gmail.com

EDUCATION

Mary State Technical

University, Russia — Master of Computer Science

2005 - 2010

CERTIFICATIONS

- [AWS Certified Solutions Architect](#)
- [Oracle Certified Associate, Java SE 7 Programmer](#)
- [Oracle Certified Professional, Java SE 7 Programmer](#)
- [MongoDB Certified Developer](#)
- [Machine Learning from Stanford University on Coursera](#)
- Project Management Orientation (PM54G) from IBM
- Project Management Fundamentals (PM10G) from IBM
- [Big Data Fundamentals from IBM](#)
- [Big Data Hadoop Fundamentals from IBM](#)
- Platform as a Service Academy graduate from Accenture
- [Business Development Manager from TM Forum](#)
- [Frameworkx Transformation Manager from TM Forum](#)
- [Platform Development Manager from TM Forum](#)

RECOMMENDATIONS

PUBLIC TALKS

- Resume Driven Development at Coding Stuttgart meetup. [Slides](#) and [recording](#).
- Serverless chatbot in Java on AWS. [Recording](#).

Iacq, Mannheim (GE) — *Technical Consultant/Technical Lead*

JUNE 2019 - OCTOBER 2019

Designed all components of ML platform

Accenture, Heidelberg (GE) — *Manager in Software Architecture*

JULY 2018 - MAY 2019

Significantly improved quality of a [product](#)

N26, Berlin (GE) — *Technical Consultant/Technical Lead*

JUNE 2018 - AUGUST 2018

1. Resolved organizational and technical bottlenecks.
2. Provided technical guidance for introducing support of the US market.

Crossover, Remote — *Chief Software Architect, Software Engineering Manager*

FEBRUARY 2017 - MAY 2018

1. Led a team of 15 people including 3 technical leads, 7 senior and 5 middle developers
2. Implemented the most complex and critical tasks for several projects
3. Designed several products
4. Led acquisition process

Gigster, Remote — *Technical Consultant*

NOVEMBER 2016 - MAY 2017

Implemented several projects for world top companies

Upwork, Remote — *Technical Consultant*

NOVEMBER 2016 - MAY 2017

Designed and implemented a core part of A/B testing system for Upwork platform

IBM, Moscow (RU) — *Tech Lead*

JULY 2015 - SEPTEMBER 2016

1. Redesigned core part of a system to make it more testable, extensible and maintainable.
2. Improved performance of the most popular use cases in 3 times.

TransCity, Moscow (RU) — *Team Lead*

MARCH 2015 - JULY 2015

1. Designed and implemented a system for producing personal ID cards for Russian citizens that reduced production time by 4 times and saved millions spent on redundant expenses for ministries.
2. Built a team and a relationship with the customer side from scratch.

ACI Worldwide, Moscow (RU) — *Team Lead*

JANUARY 2013 - MARCH 2015

1. Implemented core parts of the payments framework that is used by top 60 banks in the world.
2. Created a system for automated functional testing of online banking that made hundreds of manual QAs redundant.

TeamForce, Moscow (RU) — *Team Lead*

SEPTEMBER 2008 - JANUARY 2013

1. Designed and implemented core parts of products.
2. 2 our products (ApexSQL Complete and Refactor) won [2 silver medals "Windows IT Pro Community Choice Award Winner 2013"](#).
3. Won "ComponentSource Bestselling Publisher Award" 4 times every year 2009–2012.

SKILLS

- **Languages:** Java, Python, TypeScript, C#, Go, JavaScript, Groovy, Perl, VB.NET, Lisp, F#, Assembler, C, C++, PHP, Ruby.
- **Web frameworks:** Spring MVC, AngularJS, ASP.NET MVC, Apache Struts.
- **DBMS:** MS SQL Server 2000/2005/2008/2012, Oracle, DB2, PostgreSQL, MariaDB, MongoDB, Apache Jena, DynamoDB, Redshift, InfluxDB.
- **DB tools:** Spring Data, JPA, Hibernate, MyBatis, pgbench, sysbench.
- **Messaging:** Apache Kafka, JMS, IBM Websphere MQ, Apache ActiveMQ, RabbitMQ.
- **Transactions:** JTA, JBossTS (Narayana).
- **Web services:** REST, GraphQL, RPC, SOAP.
- **Design platforms:** OSGi, Eclipse Rich Client Platform, Eclipse Equinox, Netbeans platform.
- **GUI:** GDI/ GDI+, DirectX, OpenGL.
- **DevOps/MLOps tools:** Jenkins, Ansible, Terraform, CloudFormation, TeamCity, ElectricFlow, Bitbucket Pipelines, Azure Pipelines, TravisCI, GitHub Actions, Bamboo, Rational Team Concert, Sagemaker.
- **Monitoring tools:** New Relic, Zenoss, Grafana, Graphite, DataDog.
- **Source code static analysers:** FxCop, StyleCop, Klocwork, Sonar, FindBugs.
- **Build and dependency management:** Ant, Maven, Gradle, NPM, YARN.
- **Other frameworks:** Spring, Dropwizard, JCA (JBoss IronJacamar), Apache Camel, Netflix OSS (Eureka, Hystrix, EVCache), Elastic Stack.
- **OSes:** MacOS, Linux (Red Hat, Ubuntu, IBM z\OS).
- **Cloud platforms and containers:** AWS, Heroku, Azure, OpenShift, SAP Cloud Platform, CloudFoundry, Docker, Kubernetes.
- **Chatbots platform:** Facebook Messenger, Telegram, Chatfuel, ManyChats, Zapier, Facebook Analytics, Dashbot.