

IVAN PONOMAREV, PH.D.

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Key skills

- Software engineering, mostly with JVM-based backend.
- QA in software development.
- Teaching, training, conference speaking

Experience

October 2021 — present

Synthesized ([synthesized.io](#)) Staff software engineer. Ensuring best engineering practices in the field of QA and delivery. Proposing and implementing effective algorithmic solutions.

June 2016 — October 2021

Sole proprietorship. IT consultant and tutor. Technical management of the development and deployment of services related to betting/gambling for an online betting/gambling provider based in Cyprus. Technologies involved:

- Backend: Java (Spring Boot microservices), Kafka Streams, PostgreSQL, Redis
- CI/CD: GitHub, Jenkins, Artifactory, Kubernetes, Helm, Terraform.

June 2008 — June 2016

KURS-IT LLC. ([kurs.ru](#)) Project Manager, Tech Lead
Java-related software development projects management.

- Development and deployment of informational systems in banking and education. Technologies involved: Java, Tomcat, GWT, MSSQL/DB2/PostgreSQL.
- Architecture and implementation of open-source framework Celesta ([courseorchestra.github.io/celesta/en](#)).

June 2010 — July 2016

Lancelot LLC. ([lancelot-it.ru](#)) CTO. Co-founder.
Managing full cycle of development, deployment and support of ERP system (Microsoft Dynamics) for Moscow headquarters of one of leading electronics manufacturers.

June 2003 — June 2010

LANIT Consulting ([lanit.ru/en](#)). Microsoft Dynamics ERP Developer, Senior Developer.
Participation in development and deployment of ERP systems.

October 2000 — June 2003

OOO KURS Delphi developer. Senior Delphi developer. Participation in development of analytical software.

Work in education

September 2023 — present

Northeastern University London (nulondon.ac.uk). Teaching Assistant, Lecturer

February 2022 — May 2023

Estonian Entrepreneurship University of Applied Sciences (euas.eu). Lecturer.

October 2003 — spring 2022

Moscow Institute of Physics and Technology (mipt.ru/english) Associate Professor, lecturer, tutor.

Tech conferences

Program Committee member of the following conferences:

autumn 2020 — autumn 2023

Heisenbug heisenbug.ru/en — engineering approaches to quality assurance in software.

autumn 2021 — autumn 2023

Hydra hydraconf.com — concurrent and distributed computing.

spring 2022 — autumn 2023

Flow flowconf.ru/en — systems and business analysis.

Follow this link to see an incomplete list of my talks at conferences and meetups: ponomarev.uk/talks-portfolio.html

Blog posts

Follow these links to see lists of blog posts on the respective platforms:

- **Habr** habr.com/ru/users/ivanponomarev/posts/
- **DZone** dzone.com/users/3168637/iponomarev.html (archived version: ponomarev.uk/blog).
- **Confluent** confluent.io/blog/author/ivan-ponomarev

Education

- **1997-2003** Moscow Institute of Physics and Technology, BSc, MSc
- **2003-2006** Moscow Institute of Physics and Technology, Ph.D. in Mathematical Modeling & Numerical Methods