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 effictive 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. (curs.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/PostrgreSQL.

- 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

February 2022 — present

> **Estonian Enterpreneurship 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 — present

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

autumn 2021 — present

> **Hydra** hydraconf.com — concurrent and distributed computing.

spring 2022 — present

> **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
- **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