

# IVAN PONOMAREV, PH.D.

## CURRICULUM VITAE

📍 London, UK

☎ +447770090885

🐦 [@inponomarev](#)

✉ [ivan@galahad.ee](mailto:ivan@galahad.ee)

🌐 [inponomarev](#)

🔄 [inponomarev](#)

### Key skills

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

### Experience

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#### 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

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### September 2023 — present

**Northeastern University London** ([nulondon.ac.uk](http://nulondon.ac.uk)). Teaching Assistant, Lecturer

### February 2022 — May 2023

**Estonian Entrepreneurship University of Applied Sciences** ([euas.eu](http://euas.eu)). Lecturer.

### October 2003 — spring 2022

**Moscow Institute of Physics and Technology** ([mipt.ru/english](http://mipt.ru/english)) Associate Professor, lecturer, tutor.

## Tech conferences

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**Program Committee member** of the following conferences:

### autumn 2020 — autumn 2023

**Heisenbug** [heisenbug.ru/en](http://heisenbug.ru/en) — engineering approaches to quality assurance in software.

### autumn 2021 — autumn 2023

**Hydra** [hydraconf.com](http://hydraconf.com) — concurrent and distributed computing.

### spring 2022 — autumn 2023

**Flow** [flowconf.ru/en](http://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](http://ponomarev.uk/talks-portfolio.html)

## Blog posts

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

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

## Education

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- **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